

**SONY®**

REMOTE CONTROL PANEL

**RCP-730**  
**RCP-731**

MAINTENANCE MANUAL

1st Edition

Serial No. 15001 and Higher

## 警告

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理など行くと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

## **WARNING**

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

## **WARNUNG**

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

## **AVERTISSEMENT**

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

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# Manual Structure

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## Purpose of this manual

This manual is the maintenance manual for Remote Control Panel RCP-730, RCP-731. This manual describes the information items necessary when the unit is supplied and installed, items on maintenance, and items that premise the service based on the components parts such as schematic diagrams, board layouts and spare parts list, assuming use of system and service engineers.

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## Contents

The following are summaries of the each section for understanding the manual.

### **Section 1. Installation**

Describes information about connector input/output signals, instance of configuration and function of internal switches.

### **Section 2. Service Overview**

Describes information about board locations, circuit description, replacement of part and notes on services.

### **Section 3 Spare Parts**

Describes parts list, exploded views, supplied accessories and fixtures list used in the unit.

### **Section 4. Semiconductor Pin Assignments**

Describes function diagrams and pin names of semiconductor used in the unit.

### **Section 5. Block Diagram**

Describe overall block diagram.

### **Section 6. Board Layouts**

Describes board layouts for every circuit board.

### **Section 7. Schematic Diagrams**

Describes schematic diagrams for every circuit board.

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## Relative manuals

Besides this maintenance manual the following manuals are available for this unit.

- **Operation Manual (Supplied with this unit)**

This manual is necessary for application and operation of this unit.



# Section 1

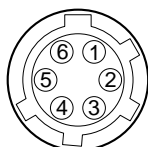
## Installation

### 1-1. Connectors and Cables

#### 1-1-1. Connector Input/Output Signals

The main connector input/output signals are as follows;

##### PREVIEW (6-pin, FEMALE)



(EXTERNAL VIEW)

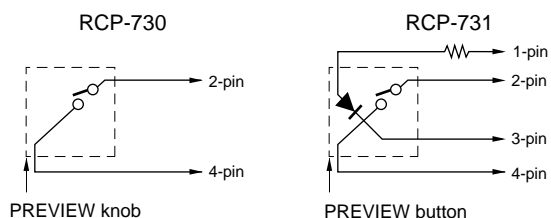
##### RCP-730

No.	Signal	Specification
1	NC	Non-connection
2	S2	30 V dc max 0.1 mA
3	NC	Non-connection
4	S1	30 V dc max 0.1 mA
5	NC	Non-connection
6	NC	Non-connection

##### RCP-731

No.	Signal	Specification
1	IND A	5 V dc max 15 mA
2	S2	30 V dc max 0.1 mA
3	IND C	5 V dc max 15 mA
4	S1	30 V dc max 0.1 mA
5	NC	Non-connection
6	NC	Non-connection

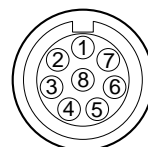
##### PREVIEW Connector Wiring



##### REMOTE

##### AUX

##### CCU/CNU (8-pin, FEMALE)



(EXTERNAL VIEW)

No.	Signal	Specification
1	TX (+)	RCP SERIAL DATA
2	TX (-)	
3	RX (+)	CCU/CNU/AUX
4	RX (-)	SERIAL DATA
5	TX GND	GND for TX
6	POWER (+)IN	RCP POWER, +10 V to +30 V
7	POWER (-)IN	GND for POWER
8	SPARE	
C	CHASSIS GND	CHASSIS GND

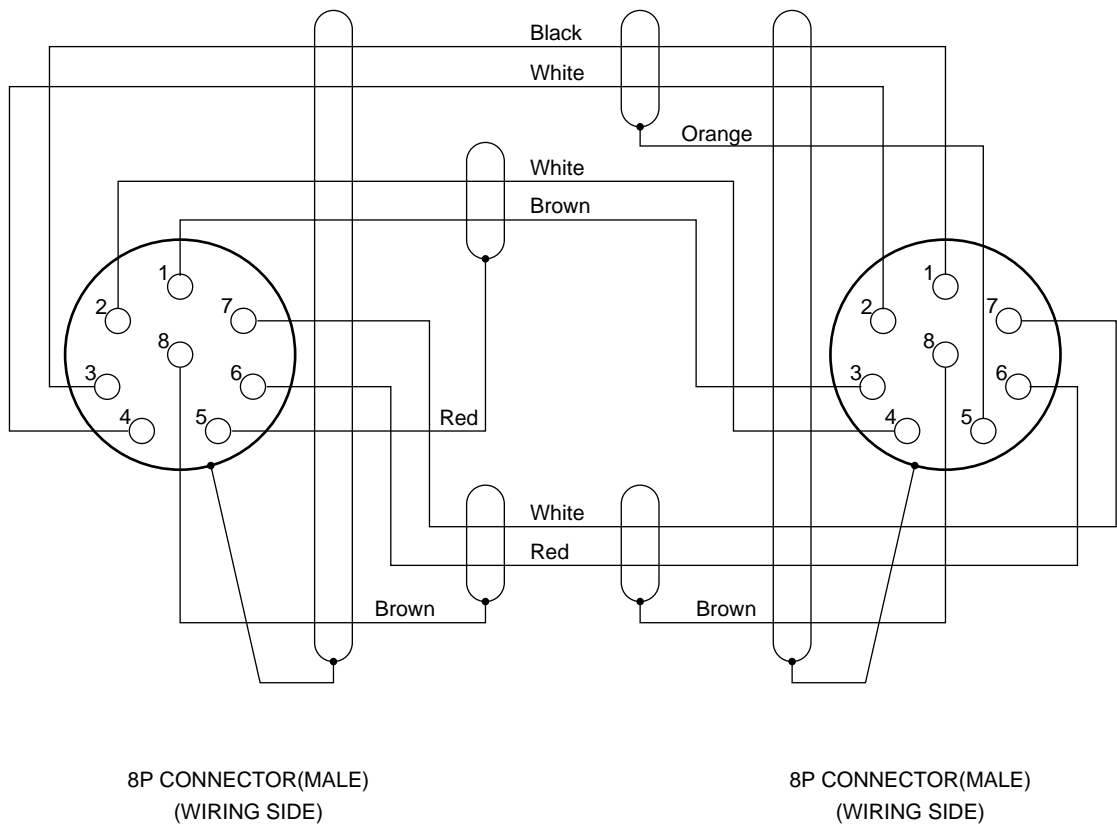
1-1-2. Connection Connector

Connection made with the connector panels during installation or service, should be made with the connectors/complete cable assemblies specified in the following list, or equivalent parts.

Connector function	Parts No.and name of connection with cable
PREVIEW (6P, FEMALE)	1-560-691-11 PLUG, 6P MALE (SUPPLIED ACCESSORY)
AUX CCU/CNU (8P, FEMALE)	1-766-848-11 PULG, 8P MALE or CABLE ASSEMBLY CCA-5-3, CCA-5-10

1-1-3. Cable Wiring

CCA-5 CABLE (wiring diagram)





## 1-2. Installation

### 1-2-1. Installation Conditions

Operating temperature	5 °C to +40 °C
Storage temperature	−20 °C to +55 °C
Humidity	No condense

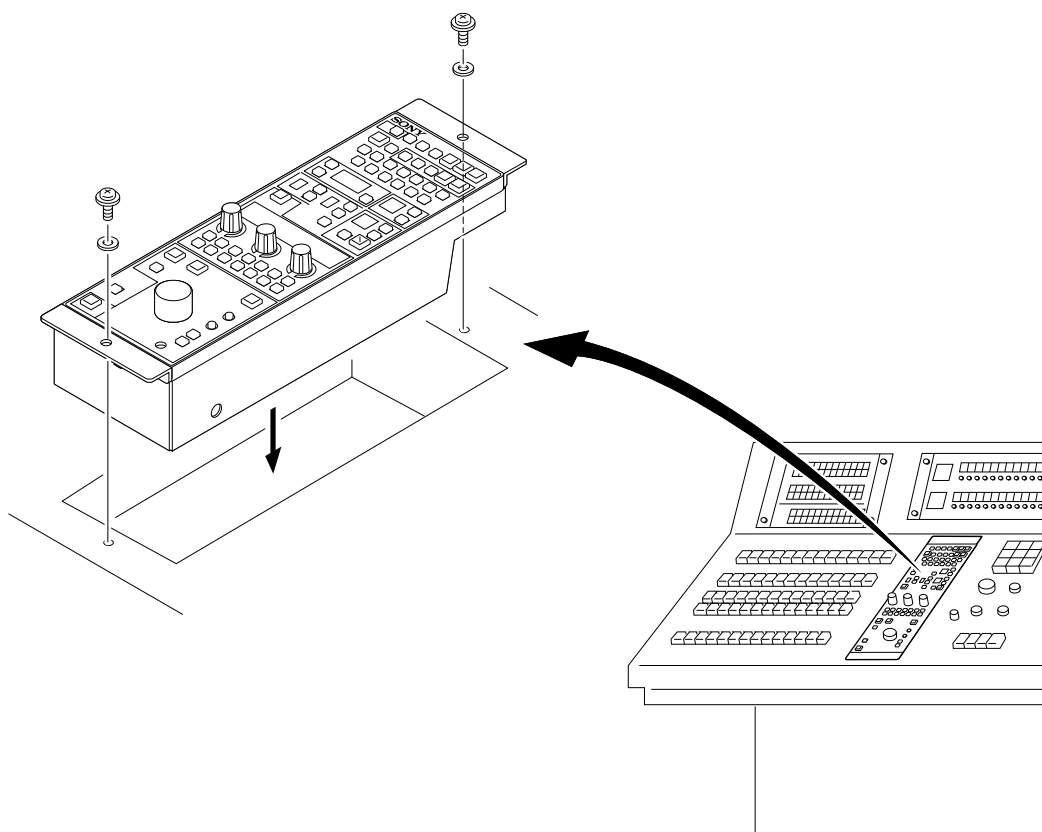
1. Install in a dried and airy place.
2. Do not install the unit in the following conditions.
  - High temperature room or near heat source.
  - Intense electric or magnetic field.
  - Excessive dust or mechanical vibration. A place subject to direct sunlight or strong light.

### 1-2-2. Installation Space

Provide a space of 7cm or more behind the connector panel. (This prevents cable breakdown.)

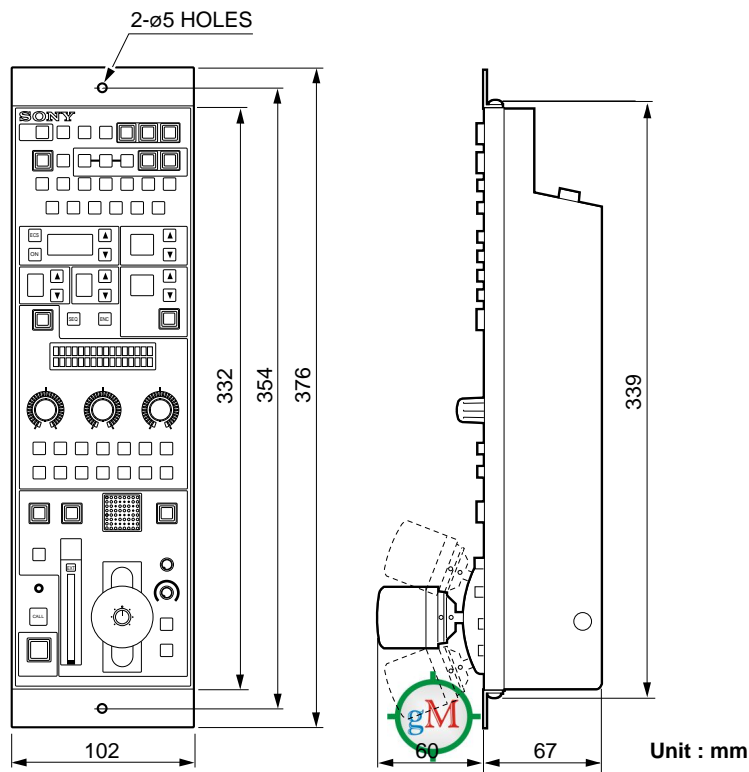
### 1-2-3. Installtion to Console

RCP-730/731 can be installed into the control console using the brackets which are supplied with product.

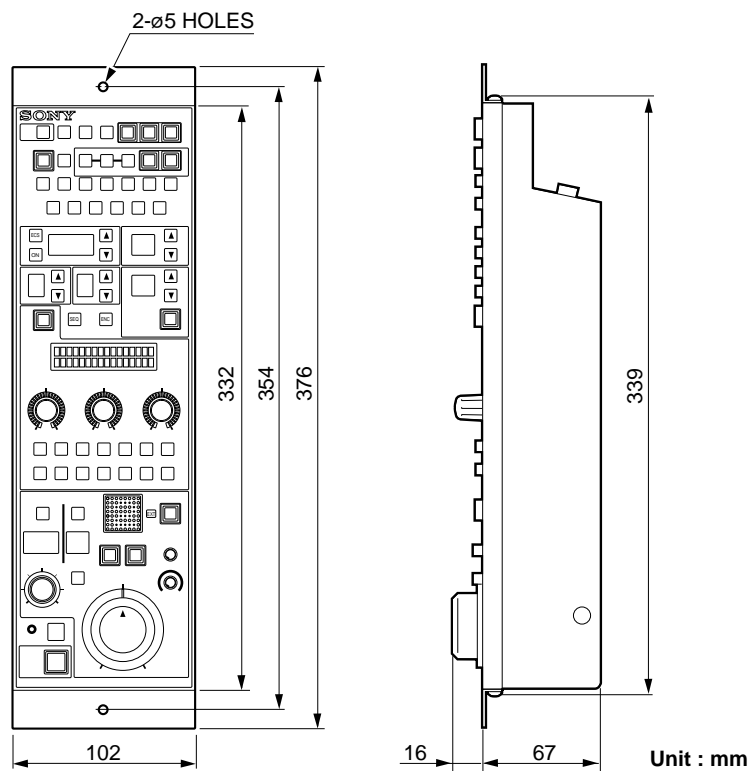


1-2-4. Outside Dimensions

RCP-730



RCP-731



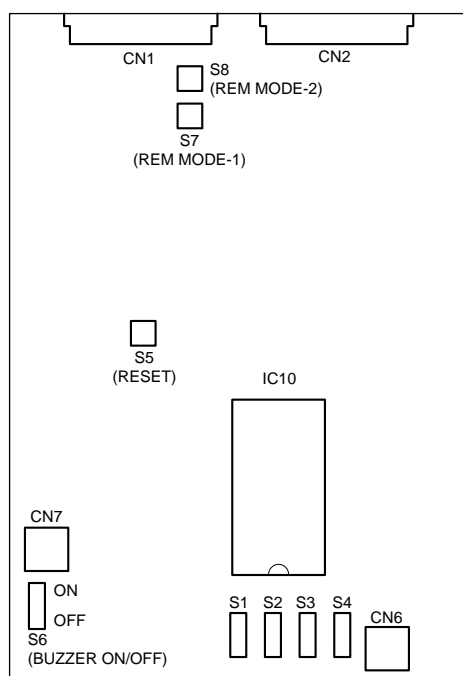
## 1-3. Functions of Internal Switches

### MPU-79 Board

- S1, S2, S3, S4 These switches are not used.  
Normally set to “OFF”.  
Factory-setting is “OFF”.
- S5 (RESET)  
This is not used for normal operation.
- S6 (BUZZER ON/OFF)  
When this switch is turned “ON”, buzzer sounds by the input CALL signal.  
Normally set to “ON”.  
Factory-setting is “ON”.
- S7 (REMOTE MODE 1)  
S8 (REMOTE MODE 2)  
Used to select mode for the REMOTE connector on the connector panel.  
CMD : Camera control command mode  
ISR : Interactive status Reporting command mode

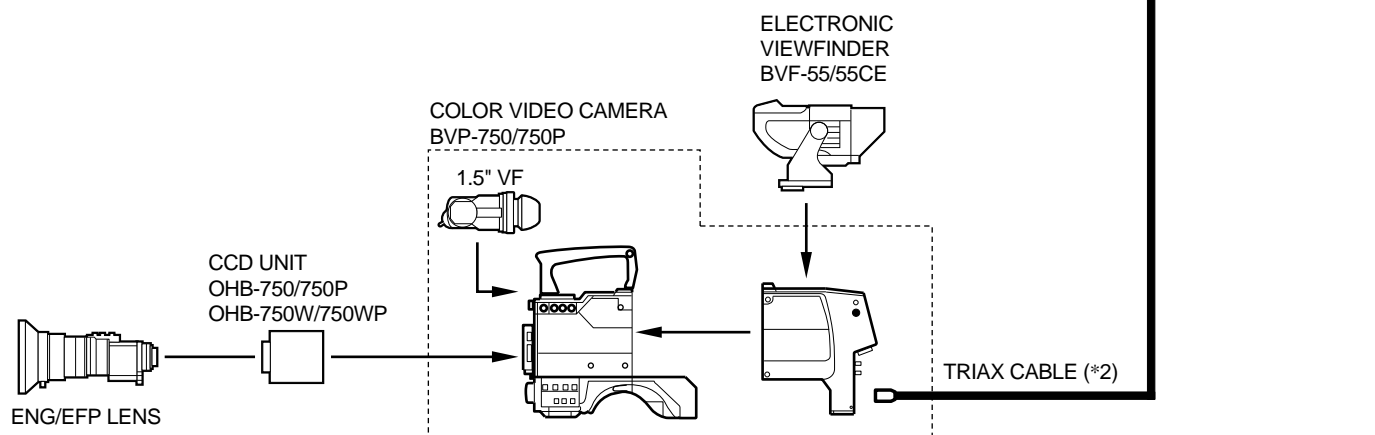
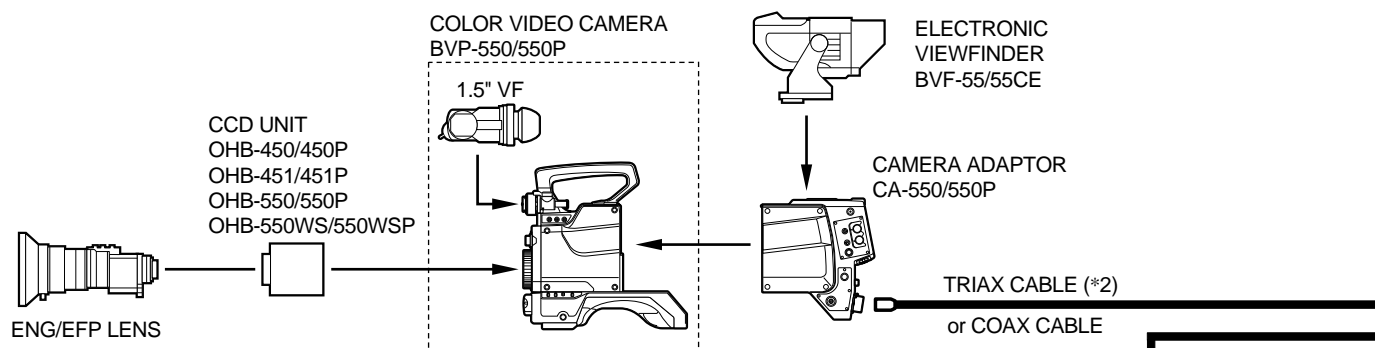
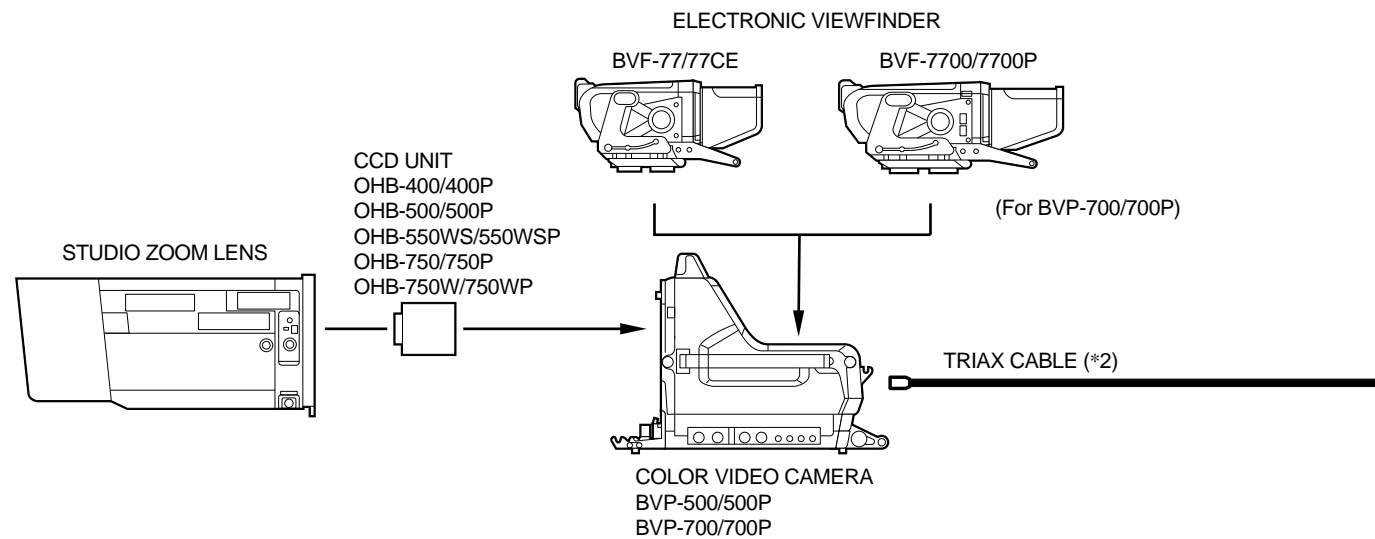
#### Note

Be sure to set S7 and S8 to the same mode.  
Factory-setting is “CMD”.



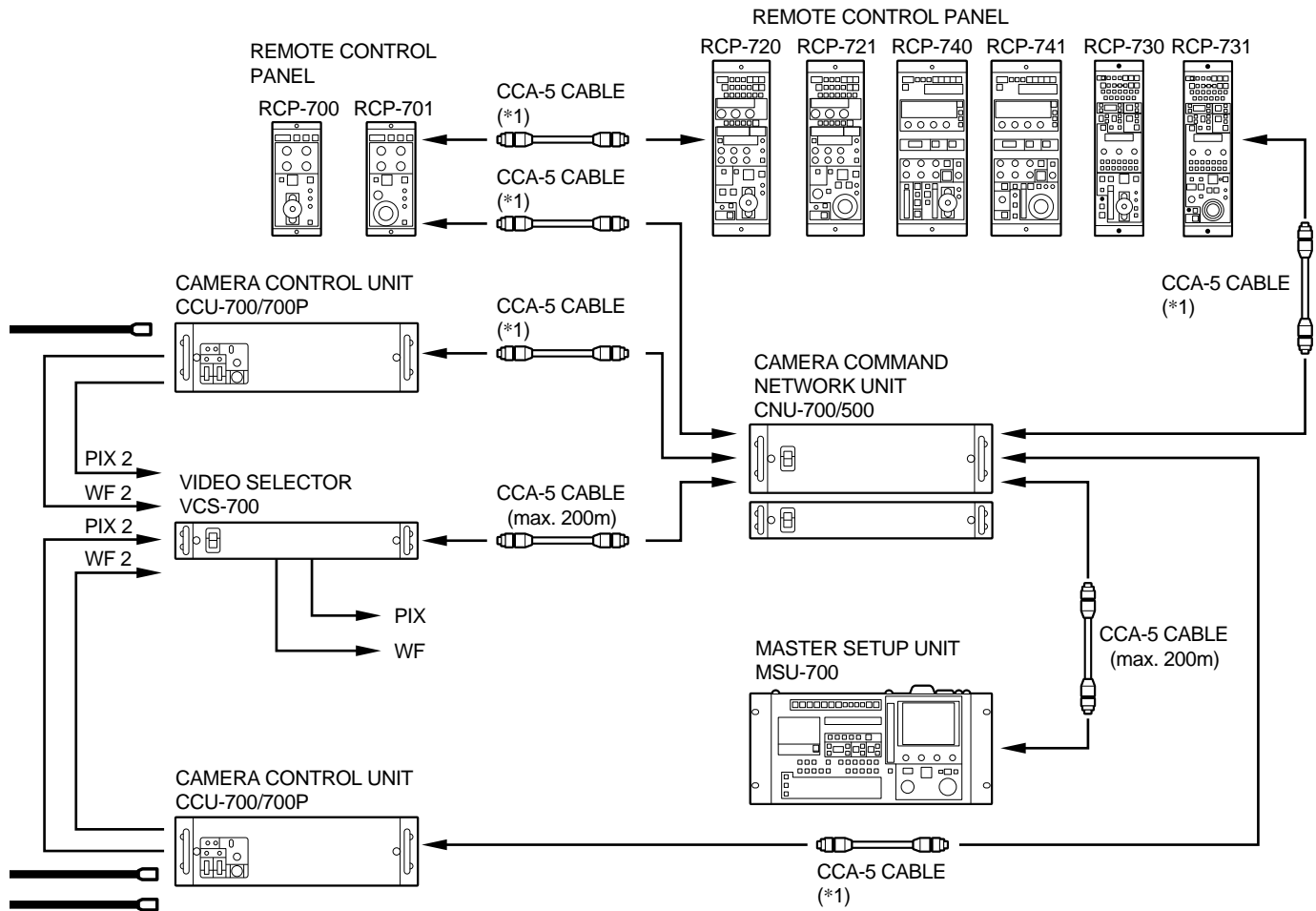
**MPU-79 BOARD (A SIDE)**

1-4. Instance of System Configuration

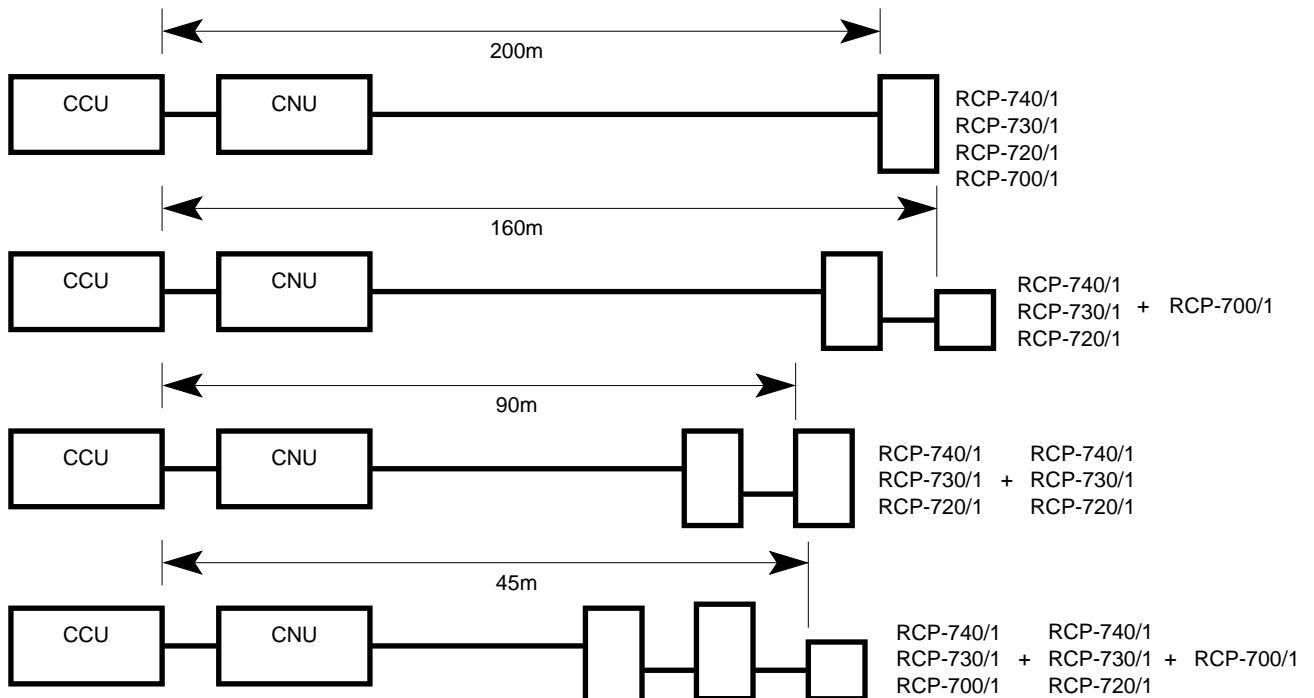


\*2: TRIAX CABLE LENGTH

Diameter	Maximum length
8.5 mm	1000 mm
14.5 mm	2000 mm



\*1: CCA-5 CABLE LENGTH





## Section 2

### Service Overview

#### 2-1. Maintenance Mode

The RCP-730 and RCP-731 are provided with LCD maintenance mode.

Press a paint item select button (WHITE) while pressing LOCK and PARA simultaneously to select the maintenance mode.

Enables the LCD contrast and brightness to be set with the paint control block.

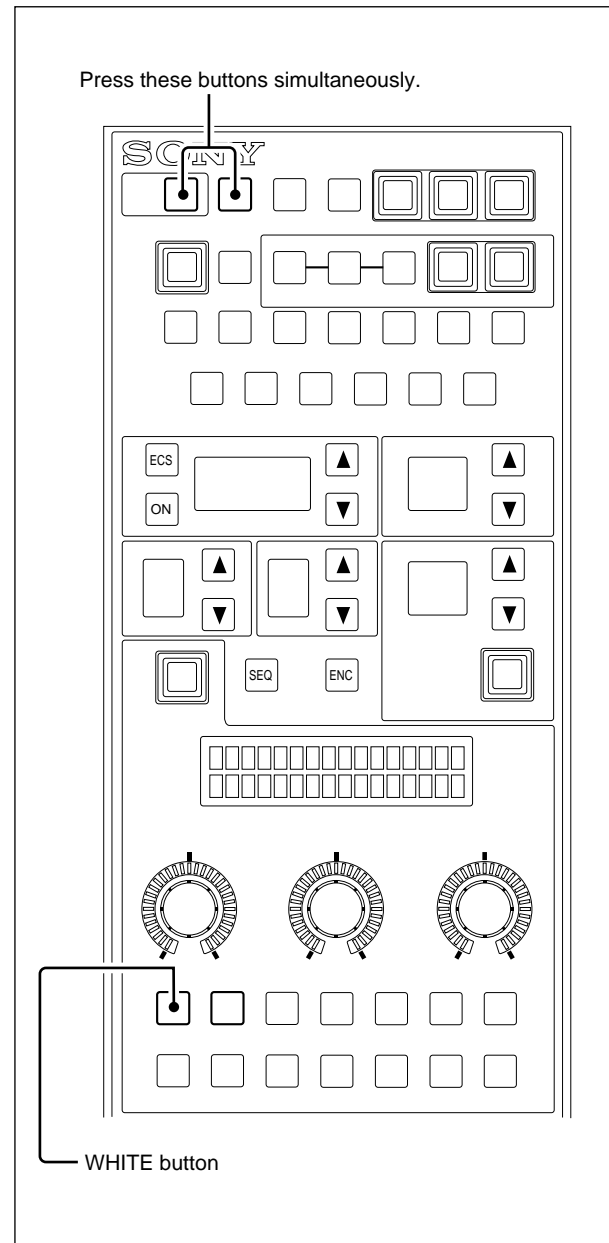
Press LOCK and PARA simultaneously to cancel the maintenance mode.

For details, refer to the Operation Manual.

##### Note

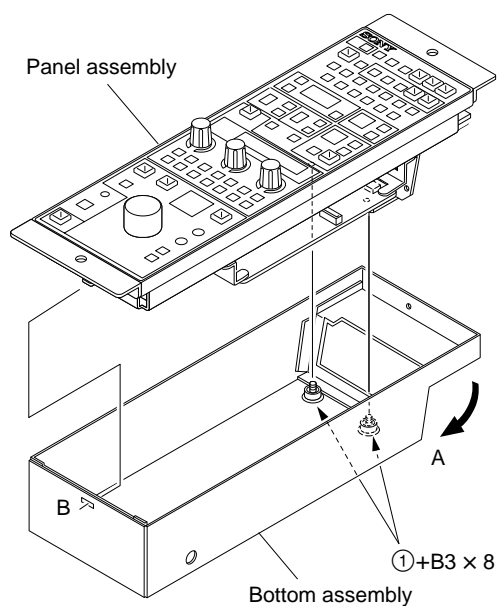
Setting values set with the maintenance mode are stored in the internal memory when the maintenance mode is canceled.

Be sure to cancel the maintenance mode before turning off the power.



## 2-2. Removal of Bottom Assembly

1. The bottom assembly can be removed by removing two screws and moving the bottom assembly in the direction of arrow A to disengage the hook at section B.
- To replace components on the board, remove the bottom assembly and replace them using this procedure.

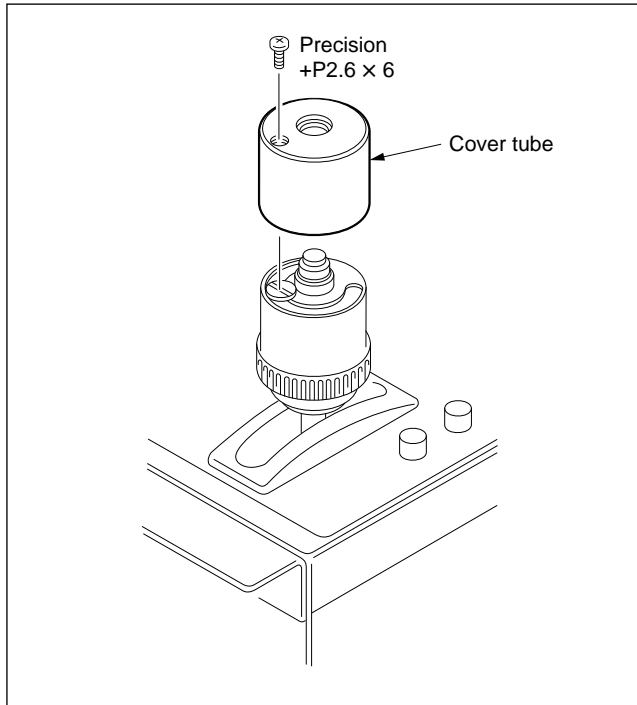




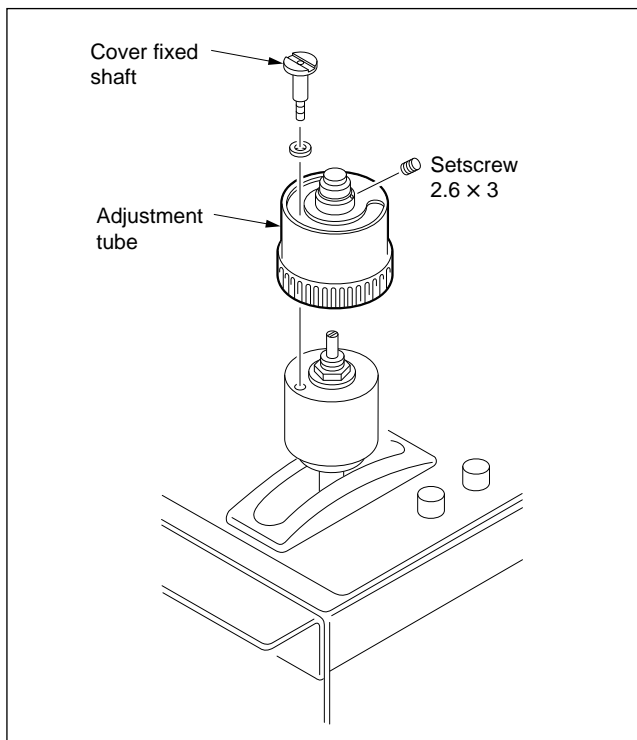
## 2-3. Replacement of Master Black Control (RCP-730)

### Disconnecting

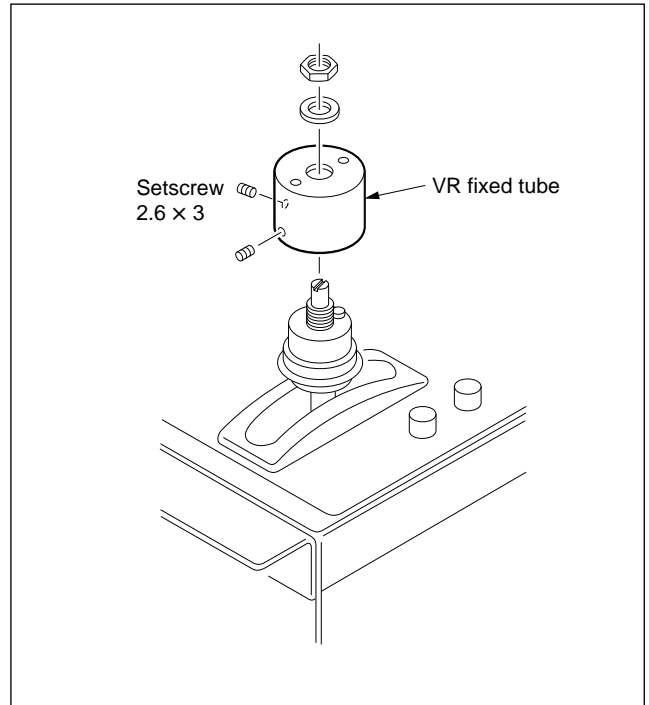
1. Remove the screw to remove cover tube.



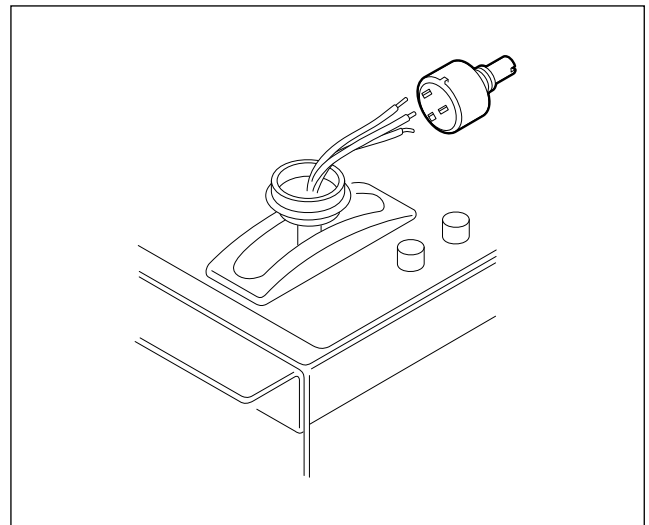
2. Unscrew cover fixed shaft. Remove the screw to remove adjustment tube.



3. Remove the nut securing the control and remove the two screws. VR fixed tube will be removed.



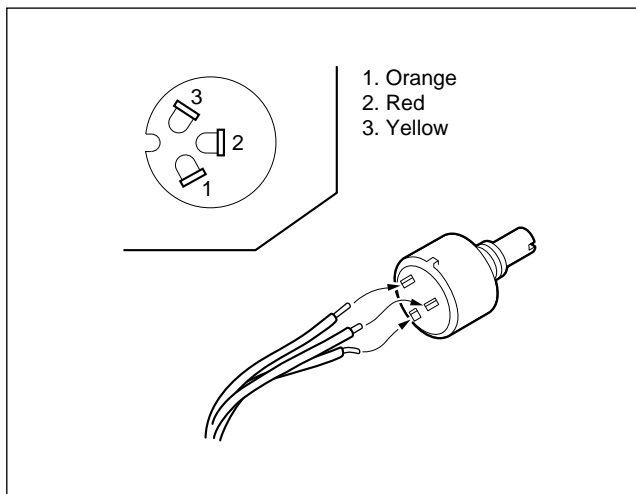
4. Desolder harness connected to the control.



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## Connecting

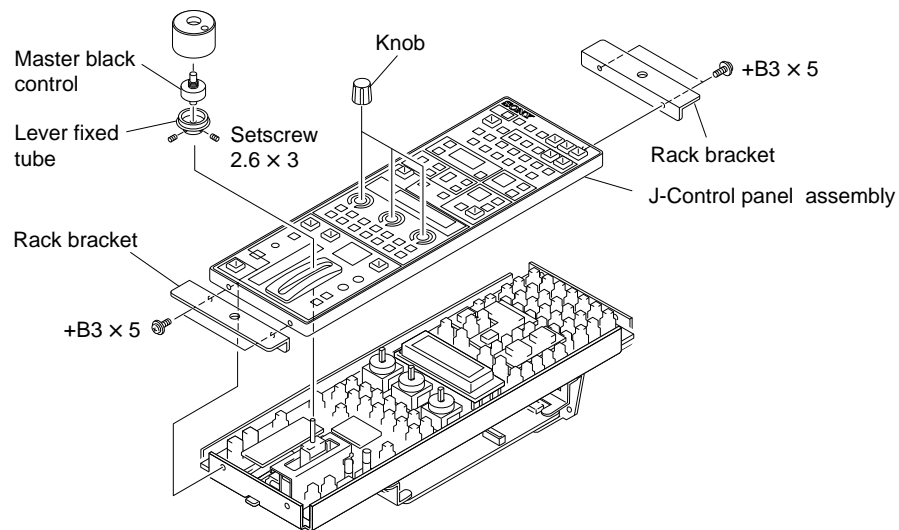
5. Solder the harness to the master black control.



6. Install the master black control by reversing the preceding procedures 1 to 3.

## 2-4. Removal of J-Control panel Assembly (RCP-730)

1. Remove the master black control referring to section 2-3 .
2. Loosen the two screws and remove the lever fixed tube.
3. Remove the three knobs.
4. Remove the four screws to remove the two rack brackets and J-Control panel assembly.



## 2-5. Replacement of D-Control panel Assembly (RCP-731)

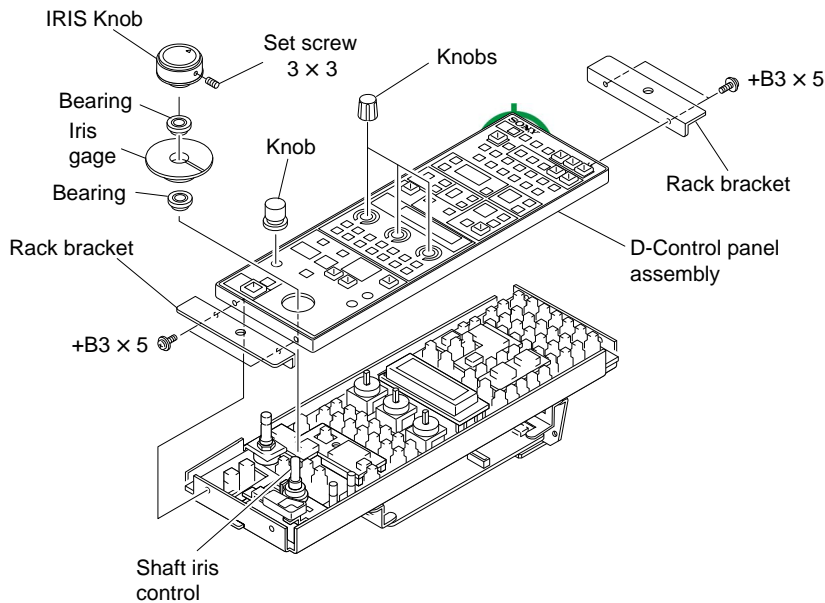
### Removal of D-Control panel Assembly

1. Remove the four knobs.
2. Remove the screw to remove the IRIS knob, bearing and IRIS gage.

#### Note

A very small projection on the shaft is sometimes caused by securing the knob to the shaft with the setscrew at the factory. This projection may interfere with removing the bearing. In this case, smooth the shaft surface using pliers or similar item before removing.

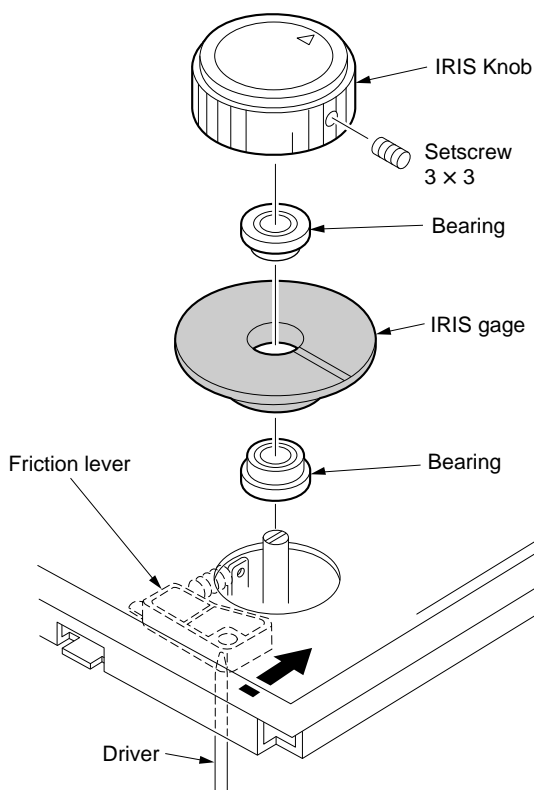
3. Remove the four screws to remove the two rack brackets and D-Control panel assembly.



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### Installation of D-Control panel Assembly

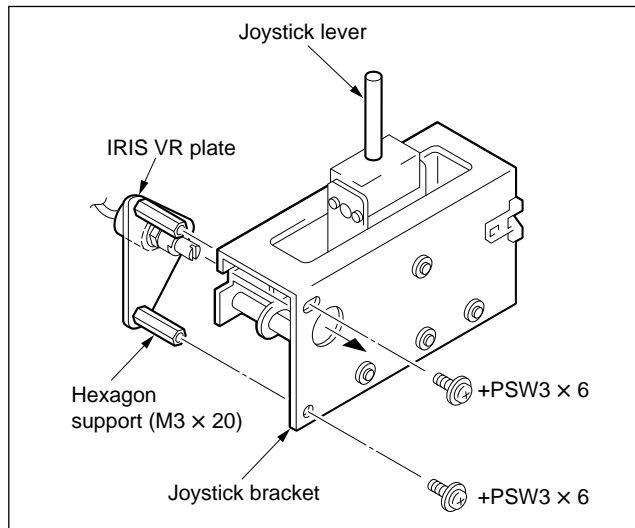
4. Install the four screws to install the D-Control panel assembly from two rack brackets.
5. Insert the bearings and IRIS gage into the shaft in the order of bearing, IRIS gage and other bearing .  
Install the IRIS gage while pushing the friction lever at the back of the panel in the direction of the arrow using a screwdriver.
6. Fix the IRIS Knob with the setscrew.



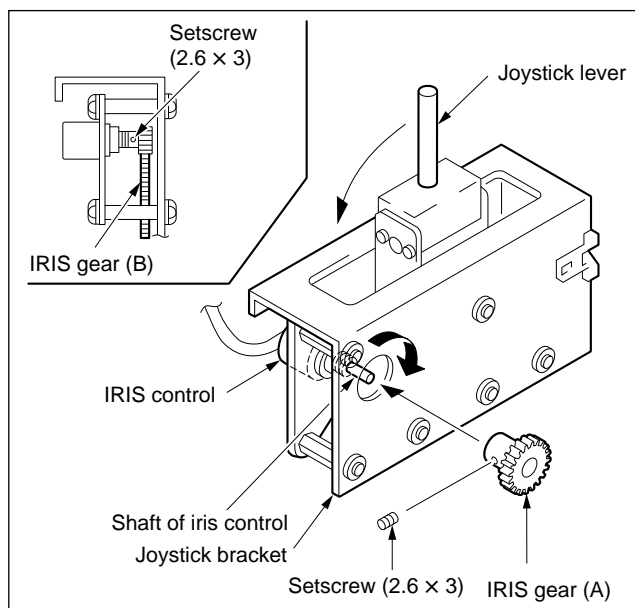
## 2-6. Adjustment after IRIS Control Replacement (RCP-730)

After replacement of the control of the IRIS lever, adjust IRIS gear (A) and IRIS gear (B) so that they mesh properly.

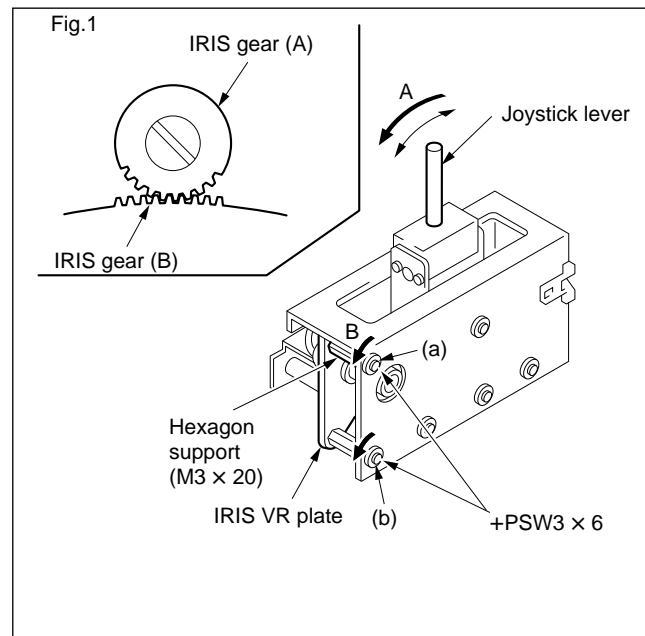
1. Fit IRIS VR plate to joystick bracket with the two screws temporarily.



2. Move Joystick lever fully in the direction of the arrow and turn the IRIS control fully clockwise. Insert the setscrew into IRIS gear (A), taking care that its tip does not protrude into the inside. Insert IRIS gear (A) to the shaft of IRIS control through the hole of joystick bracket so that the setscrew is in the horizontal state. Tighten the setscrew in a position to gear the IRIS gear (A) with IRIS gear (B).



3. Move joystick lever fully in the direction of the arrow A. Gear the IRIS gear (A) with IRIS gear (B) while moving the hexagon support in the direction of the arrow B as shown in the Fig.1. Adjust the position of IRIS VR plate while swinging the joystick lever from side to side a few times so that the lever moves smooth without play. Tighten the two screws in alphabetical order.



## 2-7. Connecting/Disconnecting Flexible Card Wire

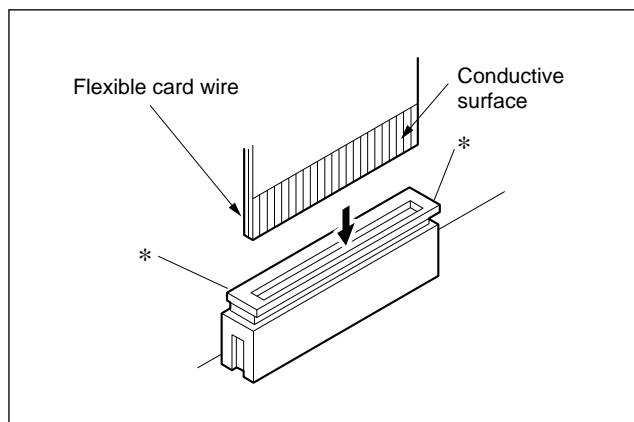
### Straight Type

#### Disconnecting

Pull up the \*marked portions of connector, and pull out the flexible card wire from the connector.

#### Connecting

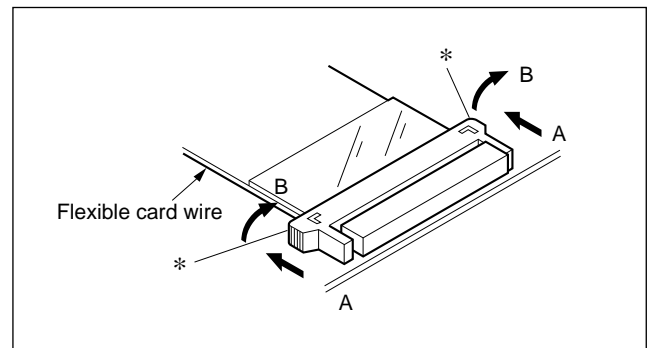
Install the flexible card wire as far as it will go, and push down the \*marked portions of connector.



### Angle Type

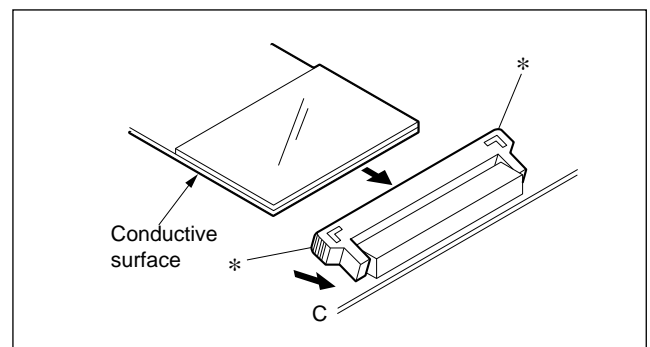
#### Disconnecting

Slide the \*marked portions of connector in the direction of the arrows (A), pull up the connector in the direction of the arrows (B), and then disconnect the flexible card wire from the connector.



#### Connecting

Pull up the \*marked portions of the connector, insert the flexible card wire on its contacting side is faced to the printed circuit board, and insert it as far as it will go. Push down the \*marked portions, then slide it in the direction of the arrow (C) to lock.



#### Note

1. Do not insert the flexible card wire on a slant.
2. Do not short the terminals of the flexible card wire.

## Forming

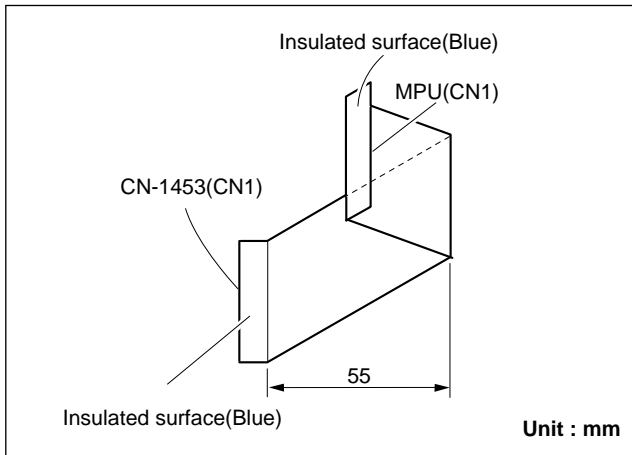
If using a new flexible card wire, hand form as shown in the figure in advance.

### Note

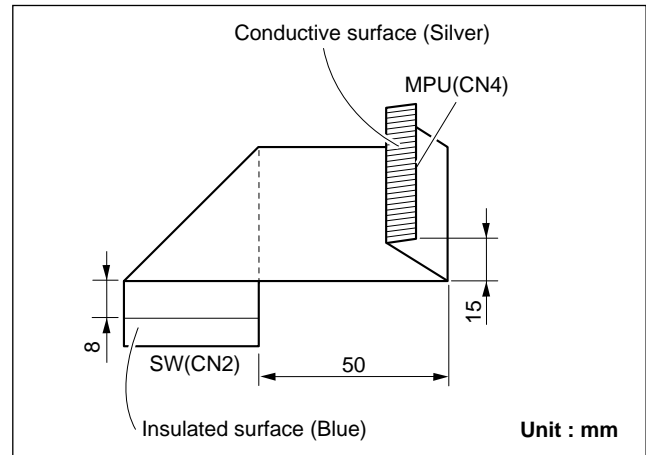
Never reform the flexible card wire after being folded once.

A new board does not have the EPROM on it.

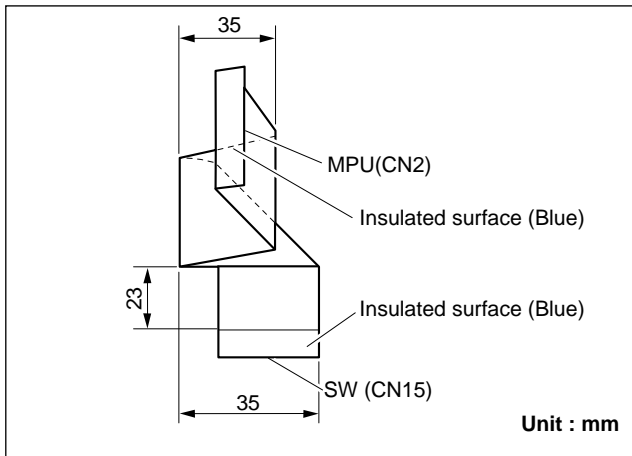
• MPU-79 board CN1 ↔ CN-1453 board CN1



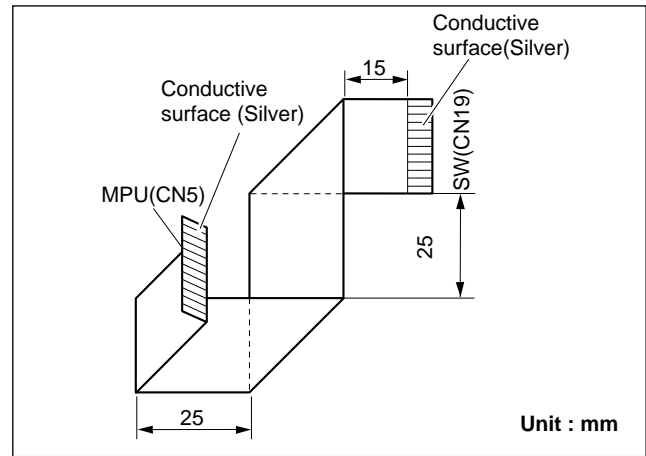
• MPU-79board CN4 ↔ SW board CN2



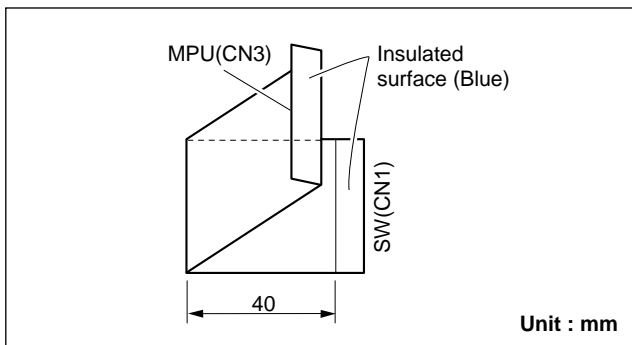
• MPU-79 board CN2 ↔ SW board CN15



• MPU-79board CN5 ↔ SW board CN19



• MPU-79 board CN3 ↔ SW board CN1





## 2-8. Notes on Service

### 2-8-1. Note on MPU-79 Board Replacement

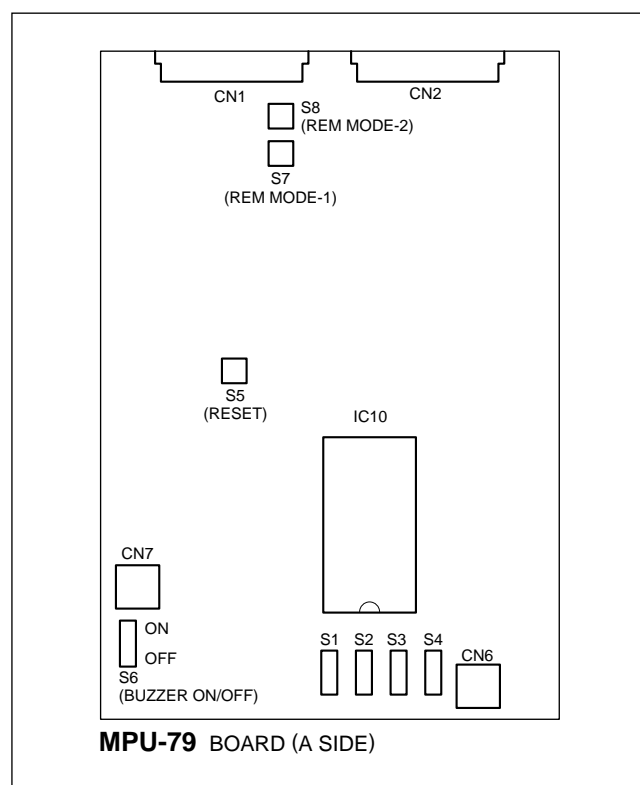
When the MPU-79 board is replaced, be sure to mount the EPROM IC10 that is used in the former board.

(A new board does not have the EPROM on it.)

1. Remove the EPROM IC that is used from the former board.

Pay carefull attention the static electricity.

2. Mount the EPROM IC in the correct orientation.



### 2-8-2. Notes on ROM Replacement

Each EPROM IC on the PC board has a suffix to its original designation. This suffix may change according to version-up of IC. Never use an IC having no suffix to its original designation, because its memory has not been programmed. Each EPROM IC is mounted to the PC board via socket.

### 2-8-3. Notes on Spare Parts

#### 1. **WARNING**

##### **Safety Related Components Warning**

Components marked  $\triangle$  are critical to safe operation.

Therefore, specified parts should be used in the case of replacement.

#### 2. **Standardization of Parts**

Some repair parts supplied Sony differ from those used for the unit. These are because of parts commonality and improvement.

Parts list has the present standardized repair parts.

#### 3. **Stock of Parts**

Parts marked with “o” at SP (Supply Code) column of the spare parts list may be not stocked. Therefore, the delivery date will be delayed.

#### 4. **Units Representation**

The following represented units are changed or omitted in writing.

Units	Representation	
Capacitance	$\mu$ F	uF
Inductance	$\mu$ H	uH
Resistans	$\Omega$	Abbreviation



**Section 3**  
**Spare Parts**

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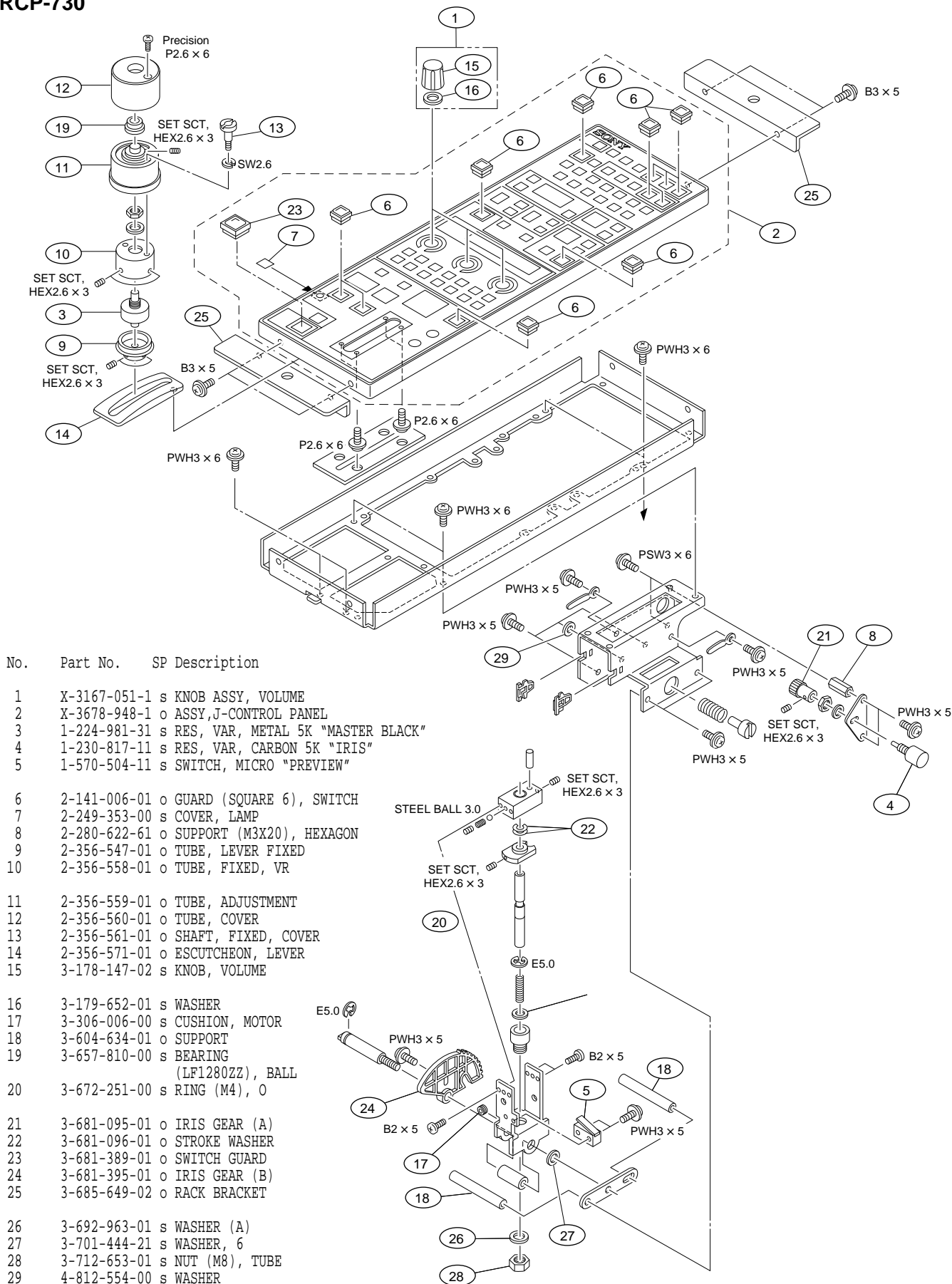
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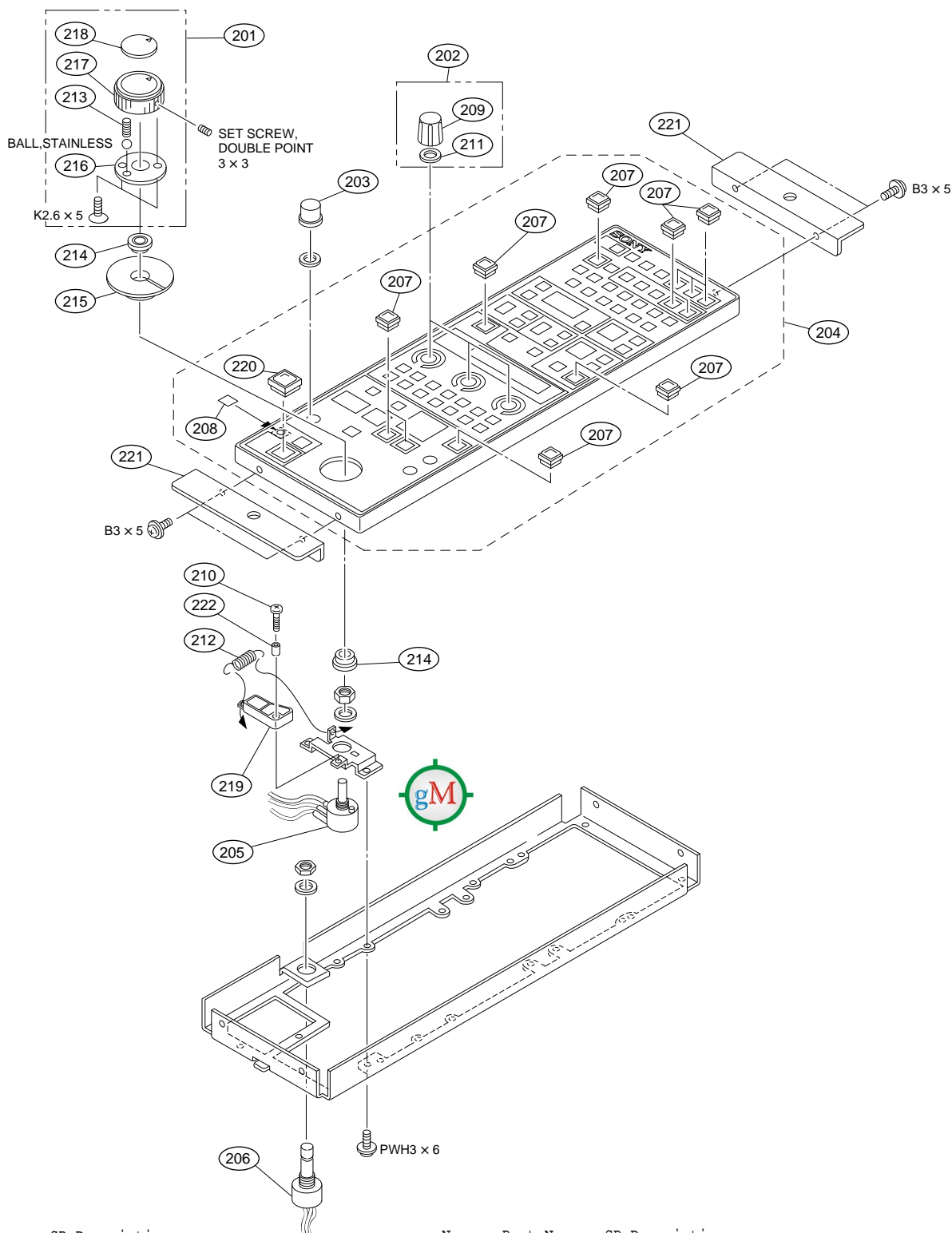
## 3-1. Exploded Views

### RCP-730



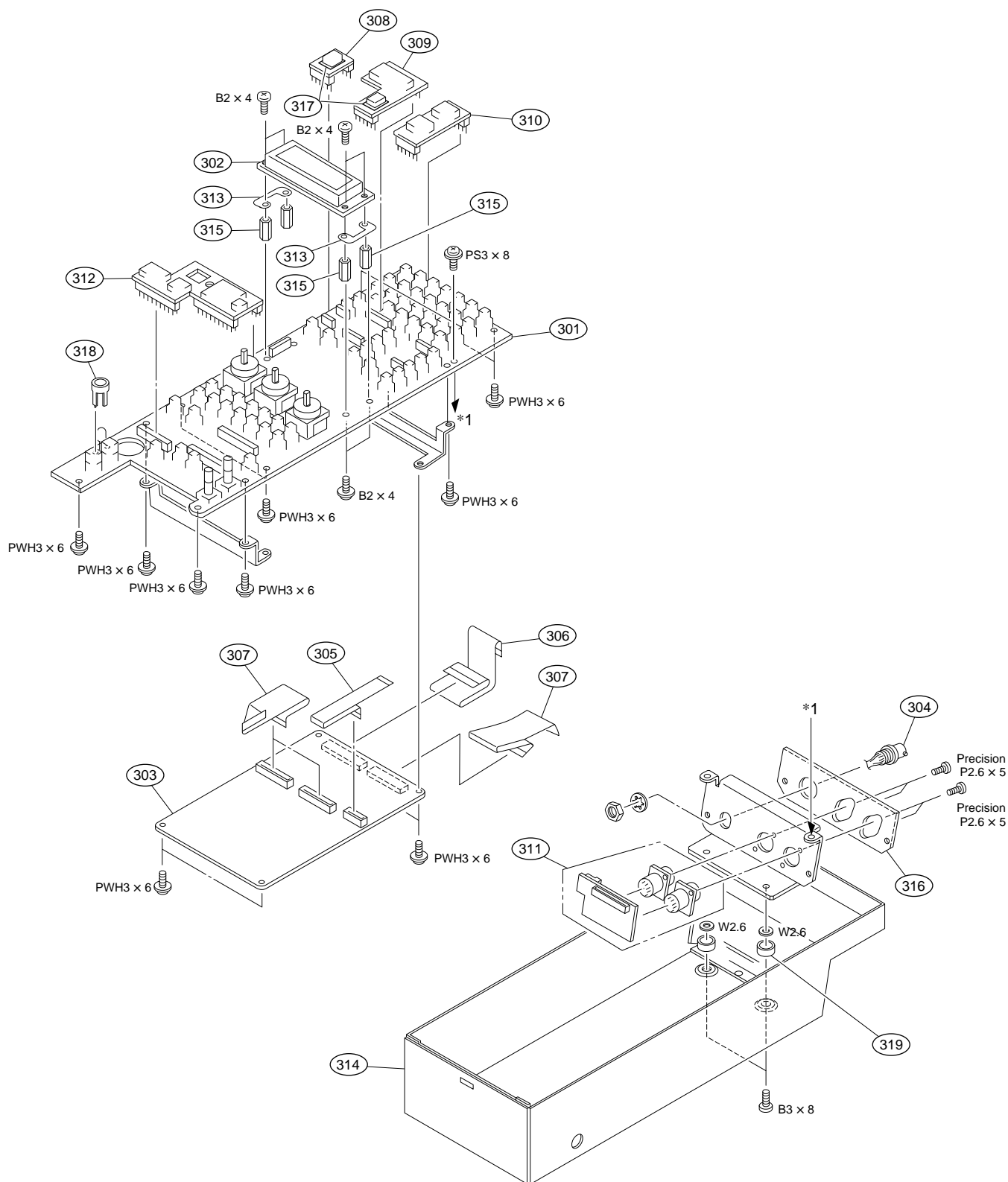


# RCP-731



No.	Part No.	SP Description
201	A-8314-221-A	s KNOB ASSY, D-IRIS
202	X-3167-051-1	s KNOB ASSY, VOLUME
203	X-3651-342-0	s KNOB ASSY, CONTROL
204	X-3678-947-1	o ASSY,D-CONTROL PANEL
205	1-224-981-41	s RES, VAR, METAL 5K "MASTER BLACK"
206	1-226-786-21	s RES, VAR, CERMET 10K "IRIS"
207	2-141-006-01	o GUARD (SQUARE 6), SWITCH
208	2-249-353-00	s COVER, LAMP
209	3-178-147-02	s KNOB, VOLUME
210	3-178-213-21	s SCREW +B 3X10

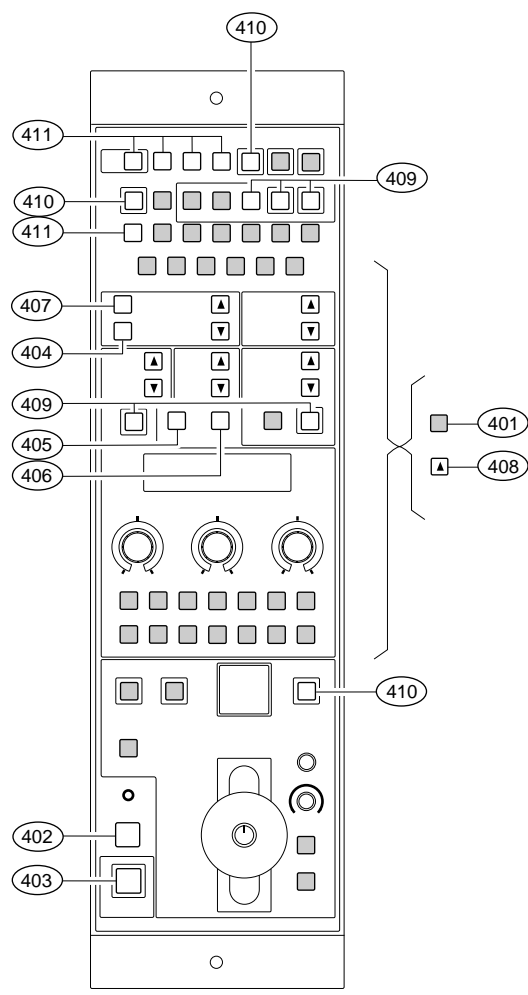
No.	Part No.	SP Description
211	3-179-652-01	s WASHER
212	3-548-757-00	s SPRING, TENSION
213	3-576-098-00	s SPRING, COMPRESSION
214	3-651-607-00	s BEARING, BALL
215	3-681-089-03	o IRIS GAUGE
216	3-681-090-01	o STOPPER PLATE
217	3-681-097-02	o IRIS KNOB
218	3-681-098-01	o DIAL POINTER
219	3-681-382-01	o FRICTION LEVER
220	3-681-389-01	o SWITCH GUARD
221	3-685-649-02	o RACK BRACKET
222	3-738-602-01	o SPACER (3X6)



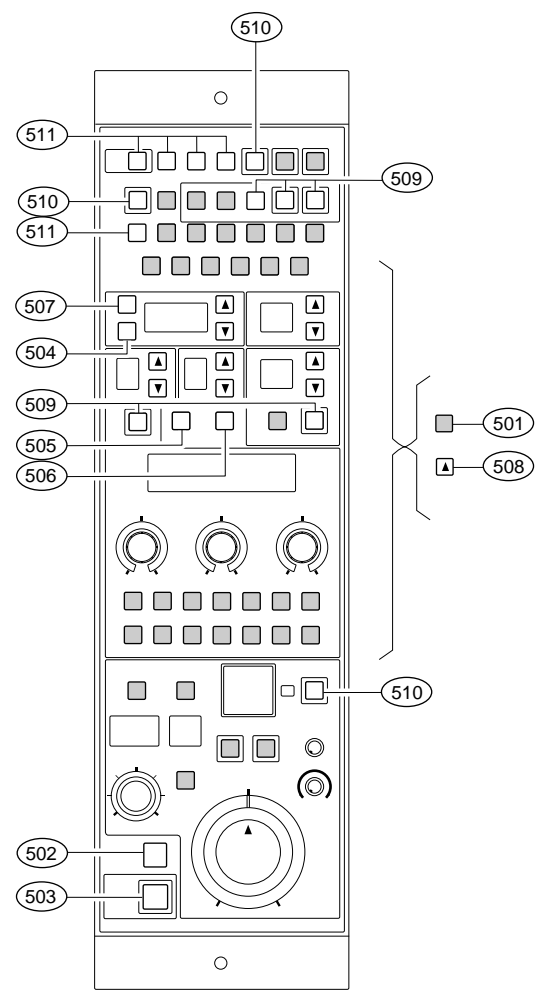
No.	Part No.	SP Description
301	A-8312-175-A	o MOUNTED CIRCUIT BOARD, SW-894
302	A-8312-181-A	o LCD ASSY
303	A-8312-180-A	o MOUNTED CIRCUIT BOARD, MPU-79B
304	1-561-795-00	s SOCKET, 6P FEMALE
305	1-574-144-11	s WIRE, FLAT TYPE (12 CORE)
306	1-574-145-11	s WIRE, FLAT TYPE (30 CORE)
307	1-574-161-11	s CABLE, FLAT (1MM PITCH) 25P
308	1-663-395-11	o PRINTED CIRCUIT BOARD, LED-265
309	1-663-396-11	o PRINTED CIRCUIT BOARD, LED-266
310	1-663-397-11	o PRINTED CIRCUIT BOARD, LED-267

No.	Part No.	SP Description
311	1-663-404-11	o PRINTED CIRCUIT BOARD, CN-1453
312	1-663-407-11	o PRINTED CIRCUIT BOARD, LED-298
313	3-605-853-01	o SHEET, INSULATING
314	3-605-855-01	o BOTTOM CHASSIS
315	3-605-857-01	o SUPPORT(6.3)
316	3-685-656-01	o SHEET, CONNECTOR
317	3-687-159-01	o LED SPACER
318	3-710-803-03	o HOLDER, DIA. 5-9 LED
319	3-716-370-01	o SPACER

RCP-730



RCP-731



No.	Part No.	SP Description
401	3-708-895-01	s CAP
402	3-708-933-11	s CAP "CALL" (RED)
403	3-708-934-01	s CAP (GREEN)
404	3-708-937-01	s CAP "ON"
405	3-708-937-11	s CAP "SEQ"
406	3-708-937-21	s CAP "ENC"
407	3-708-937-31	s CAP "ECS"
408	3-708-937-41	s CAP "DELTA"
409	3-708-938-01	s CAP (RED)
410	3-708-939-01	s CAP (GREEN)
411	3-708-940-01	s CAP (ORANGE)

No.	Part No.	SP Description
501	3-708-895-01	s CAP
502	3-708-933-11	s CAP "CALL" (RED)
503	3-708-934-01	s CAP (GREEN)
504	3-708-937-01	s CAP "ON"
505	3-708-937-11	s CAP "SEQ"
506	3-708-937-21	s CAP "ENC"
507	3-708-937-31	s CAP "ECS"
508	3-708-937-41	s CAP "DELTA"
509	3-708-938-01	s CAP (RED)
510	3-708-939-01	s CAP (GREEN)
511	3-708-940-01	s CAP (ORANGE)



Part No.	SP Description
7-621-734-09	s SET-SCT,HEX. 2.6X3
7-621-771-06	s SCREW +B 2X5
7-621-772-18	s SCREW +B 2X4
7-623-207-22	s SW 2.6, TYPE 2
7-623-923-01	s WASHER 2.6, NYLON
7-624-109-04	s STOP RING 5.0, TYPE -E
7-627-454-37	s SCREW, PRECISION +K 2.6X5
7-627-553-98	s SCREW,PRECISION +P 2X8
7-627-556-58	s SCREW +P 2.6X5
7-627-556-78	s SCREW,PRECISION +P 2.6X6 TYPE1
7-671-156-01	s BALL, STAINLESS
7-682-546-04	s SCREW +B 3X5
7-682-548-04	s SCREW +B 3X8
7-682-648-09	s SCREW +PS 3X8
7-682-903-01	s SCREW +PWH 3X5
7-682-903-11	s SCREW +PWH 3X6
7-682-947-01	s SCREW +PSW 3X6
7-685-133-19	s SCREW +P 2.6X6 TYPE2

## 3-2. Electrical Parts List

### ----- CN-1453 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-404-11	o PRINTED CIRCUIT BOARD, CN-1453
CN1	1-580-834-11	s CONNECTOR, FPC (ZIF) 25P
CN2	1-506-483-11	o PIN, CONNECTOR 4P
CN3	1-766-696-11	o CONNECTOR, 8P FEMALE
CN4	1-766-696-11	o CONNECTOR, 8P FEMALE

### ----- LED-265 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-395-11	o PRINTED CIRCUIT BOARD, LED-265
1pc	3-687-159-01	o LED SPACER
CN4	1-566-477-11	o CONNECTOR 5P, MALE
CN5	1-566-476-11	s PIN, SOCKET 4P
D1	8-719-939-52	s DIODE LA-301ML

### ----- LED-266 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-396-11	o PRINTED CIRCUIT BOARD, LED-266
1pc	3-687-159-01	o LED SPACER
CN8	1-566-480-11	s CONNECTOR 8P, MALE
CN9	1-566-477-11	o CONNECTOR 5P, MALE
D1	8-719-948-06	s DIODE LB-202ML
D2	8-719-948-06	s DIODE LB-202ML
D3	8-719-939-52	s DIODE LA-301ML

### ----- LED-267 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-397-11	o PRINTED CIRCUIT BOARD, LED-267
CN13	1-566-478-11	o PIN, SOCKET 6P
CN14	1-566-478-11	o PIN, SOCKET 6P
D1	8-719-948-06	s DIODE LB-202ML
D2	8-719-948-06	s DIODE LB-202ML

### ----- LED-269 BOARD FOR RCP-730 -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-402-11	o PRINTED CIRCUIT BOARD, LED-269
CN1	1-566-484-11	o PIN, SOCKET 12P
CN2	1-566-484-11	o PIN, SOCKET 12P
D1	8-719-050-78	s DIODE MD0708C-RG

### ----- LED-270 BOARD FOR RCP-730 -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-403-11	o PRINTED CIRCUIT BOARD, LED-270
CN1	1-506-760-11	o CONNECTOR 30P, MALE
D1	8-719-948-06	s DIODE LB-202ML
D2	8-719-033-55	s DIODE LD-101YY
D3	8-719-030-51	s DIODE LD-010MW
D4	8-719-030-51	s DIODE LD-010MW

### ----- LED-298 BOARD FOR RCP-731 -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-407-11	o PRINTED CIRCUIT BOARD, LED-298
CN10	1-566-486-11	o PIN, SOCKET 14P
CN11	1-566-486-11	o PIN, SOCKET 14P
CN12	1-566-486-11	o PIN, SOCKET 14P
D1	8-719-050-78	s DIODE MD0708C-RG
D2	8-719-939-53	s DIODE LB-203ML
D3	8-719-948-06	s DIODE LB-202ML
D4	8-719-033-55	s DIODE LD-101YY

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MPU-79 BOARD  
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Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8312-180-A	o	MOUNTED CIRCUIT BOARD, MPU-79B
1pc	T-9113-361-1	o	SOCKET, IC (DIP) 32P
C1	1-164-156-11	s	CERAMIC 0.1uF 25V
C2	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C3	1-163-234-11	s	CERAMIC, CHIP 20PF 5% 50V
C4	1-164-156-11	s	CERAMIC 0.1uF 25V
C5	1-163-234-11	s	CERAMIC, CHIP 20PF 5% 50V
C6	1-164-156-11	s	CERAMIC 0.1uF 25V
C7	1-164-156-11	s	CERAMIC 0.1uF 25V
C8	1-164-156-11	s	CERAMIC 0.1uF 25V
C9	1-164-156-11	s	CERAMIC 0.1uF 25V
C10	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C11	1-164-156-11	s	CERAMIC 0.1uF 25V
C12	1-164-816-11	s	CERAMIC, CHIP 220PF 2% 50V
C13	1-164-156-11	s	CERAMIC 0.1uF 25V
C14	1-164-156-11	s	CERAMIC 0.1uF 25V
C15	1-135-164-21	s	TANTALUM, CHIP 22uF 20% 10V
C16	1-164-156-11	s	CERAMIC 0.1uF 25V
C17	1-164-156-11	s	CERAMIC 0.1uF 25V
C18	1-164-156-11	s	CERAMIC 0.1uF 25V
C19	1-164-156-11	s	CERAMIC 0.1uF 25V
C20	1-164-156-11	s	CERAMIC 0.1uF 25V
C21	1-164-156-11	s	CERAMIC 0.1uF 25V
C22	1-164-156-11	s	CERAMIC 0.1uF 25V
C23	1-164-156-11	s	CERAMIC 0.1uF 25V
C24	1-164-156-11	s	CERAMIC 0.1uF 25V
C25	1-164-156-11	s	CERAMIC 0.1uF 25V
C26	1-128-403-11	s	ELECT 47uF 20% 35V
C27	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C28	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C29	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C30	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C31	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C32	1-164-156-11	s	CERAMIC 0.1uF 25V
C33	1-164-346-11	s	CERAMIC 1uF 16V
C34	1-164-346-11	s	CERAMIC 1uF 16V
C35	1-164-346-11	s	CERAMIC 1uF 16V
C36	1-164-346-11	s	CERAMIC 1uF 16V
C37	1-164-346-11	s	CERAMIC 1uF 16V
C38	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C39	1-164-346-11	s	CERAMIC 1uF 16V
C40	1-162-966-11	s	CERAMIC, CHIP 0.0022uF 10% 50V
C41	1-164-346-11	s	CERAMIC 1uF 16V
C42	1-164-346-11	s	CERAMIC 1uF 16V
C43	1-164-346-11	s	CERAMIC 1uF 16V
C44	1-164-346-11	s	CERAMIC 1uF 16V
C45	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C46	1-164-156-11	s	CERAMIC 0.1uF 25V
C47	1-164-156-11	s	CERAMIC 0.1uF 25V
C48	1-164-156-11	s	CERAMIC 0.1uF 25V
C49	1-128-391-11	s	ELECT 330uF 20% 6.3V
C50	1-128-391-11	s	ELECT 330uF 20% 6.3V
C51	1-164-156-11	s	CERAMIC 0.1uF 25V
C52	1-164-156-11	s	CERAMIC 0.1uF 25V
C53	1-128-391-11	s	ELECT 330uF 20% 6.3V
C54	1-128-391-11	s	ELECT 330uF 20% 6.3V
C55	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C56	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C57	1-164-156-11	s	CERAMIC 0.1uF 25V

(MPU-79 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C58	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C59	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C60	1-164-156-11	s	CERAMIC 0.1uF 25V
C61	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C62	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C63	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C64	1-135-179-21	s	TANTAL 2.2uF 10% 16V
C65	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C66	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C67	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C68	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C69	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C70	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C71	1-164-156-11	s	CERAMIC 0.1uF 25V
C72	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C73	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C74	1-164-156-11	s	CERAMIC 0.1uF 25V
C75	1-164-156-11	s	CERAMIC 0.1uF 25V
C76	1-164-156-11	s	CERAMIC 0.1uF 25V
C77	1-164-156-11	s	CERAMIC 0.1uF 25V
C78	1-164-156-11	s	CERAMIC 0.1uF 25V
C79	1-164-156-11	s	CERAMIC 0.1uF 25V
C80	1-164-156-11	s	CERAMIC 0.1uF 25V
C81	1-164-156-11	s	CERAMIC 0.1uF 25V
C82	1-164-156-11	s	CERAMIC 0.1uF 25V
C83	1-164-156-11	s	CERAMIC 0.1uF 25V
C84	1-164-156-11	s	CERAMIC 0.1uF 25V
C85	1-164-156-11	s	CERAMIC 0.1uF 25V
C86	1-164-156-11	s	CERAMIC 0.1uF 25V
C87	1-164-156-11	s	CERAMIC 0.1uF 25V
C88	1-164-156-11	s	CERAMIC 0.1uF 25V
C89	1-164-156-11	s	CERAMIC 0.1uF 25V
C90	1-164-156-11	s	CERAMIC 0.1uF 25V
C91	1-164-156-11	s	CERAMIC 0.1uF 25V
C92	1-164-156-11	s	CERAMIC 0.1uF 25V
C93	1-164-156-11	s	CERAMIC 0.1uF 25V
C94	1-164-156-11	s	CERAMIC 0.1uF 25V
C95	1-164-156-11	s	CERAMIC 0.1uF 25V
C102	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C103	1-164-156-11	s	CERAMIC 0.1uF 25V
C104	1-164-156-11	s	CERAMIC 0.1uF 25V
C105	1-164-156-11	s	CERAMIC 0.1uF 25V
C106	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C107	1-135-165-11	s	TANTALUM, CHIP 33uF 10% 16V
C108	1-164-156-11	s	CERAMIC 0.1uF 25V
C109	1-164-156-11	s	CERAMIC 0.1uF 25V
C110	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C111	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C112	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
CN1	1-569-031-21	s	CONNECTOR, FPC (ZIF) 25P
CN2	1-569-035-11	o	CONNECTOR, FPC (ZIF) 30P
CN3	1-766-705-31	o	CONNECTOR, FPC/FFC 25P
CN4	1-766-705-31	o	CONNECTOR, FPC/FFC 25P
CN5	1-573-985-21	o	CONNECTOR, FPC/FFC 12P
CN6	1-506-483-11	o	PIN, CONNECTOR 4P
CN7	1-506-482-11	o	PIN, CONNECTOR 3P
D1	8-719-210-39	s	DIODE EC10QS-04
D2	8-719-024-81	s	DIODE 1SS300-TE85L

## (MPU-79 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
D3	8-719-024-81	s DIODE 1SS300-TE85L
D4	8-719-024-81	s DIODE 1SS300-TE85L
D5	8-719-024-81	s DIODE 1SS300-TE85L
D6	8-719-024-81	s DIODE 1SS300-TE85L
D7	8-719-024-81	s DIODE 1SS300-TE85L
D8	8-719-024-81	s DIODE 1SS300-TE85L
D9	8-719-024-81	s DIODE 1SS300-TE85L
D10	8-719-024-81	s DIODE 1SS300-TE85L
D11	8-719-024-81	s DIODE 1SS300-TE85L
D12	8-719-024-81	s DIODE 1SS300-TE85L
D13	8-719-024-81	s DIODE 1SS300-TE85L
D14	8-719-024-81	s DIODE 1SS300-TE85L
D15	8-719-024-81	s DIODE 1SS300-TE85L
D16	8-719-024-81	s DIODE 1SS300-TE85L
D17	8-719-024-81	s DIODE 1SS300-TE85L
D18	8-719-023-53	s DIODE EA30QS04-F
D19	8-719-023-53	s DIODE EA30QS04-F
D20	8-719-029-55	s DIODE RD2.0UH-T1
D21	8-719-029-55	s DIODE RD2.0UH-T1
D22	8-719-820-41	s DIODE 1SS302
D23	8-719-820-41	s DIODE 1SS302
D24	8-719-820-41	s DIODE 1SS302
D25	8-719-820-41	s DIODE 1SS302
IC1	8-759-049-58	s IC SN74HC04APW-E05
IC2	8-759-049-60	s IC SN74HC08APW-E05
IC3	8-759-242-70	s IC TC7WU04F
IC4	8-759-973-71	s IC TL7705CPS-B
IC5	8-759-050-00	s IC SN74HC86APW-E05
IC6	8-759-388-16	o IC HD6435328RE49F
IC7	8-759-285-08	s IC CXD8344AQ
IC8	8-759-049-96	s IC SN74HC32APW-E05
IC9	8-759-054-08	s IC MC34063AM
IC11	8-759-064-65	s IC TMP82C265BF-2
IC12	8-759-299-40	s IC AM28F010-120EC
IC13	8-759-434-11	s IC KM681000BLT-7LT
IC14	8-759-720-87	s IC HN58C25T
IC15	8-759-996-82	s IC MSM82C55A-2GS
IC16	8-759-079-82	s IC TC74VHC238FS(EL)
IC17	8-759-049-60	s IC SN74HC08APW-E05
IC18	8-759-049-60	s IC SN74HC08APW-E05
IC19	8-759-049-58	s IC SN74HC04APW-E05
IC20	8-759-049-58	s IC SN74HC04APW-E05
IC21	8-759-937-36	s IC TL1451AENS
IC22	8-759-049-92	s IC SN74HC14APW
IC23	8-759-049-92	s IC SN74HC14APW
IC24	8-759-050-10	s IC SN74HC163APW-E05
IC25	8-759-050-10	s IC SN74HC163APW-E05
IC26	8-759-049-98	s IC SN74HC74APW-E05
IC27	8-759-173-16	s IC TL062CPW
IC28	8-759-092-81	s IC SN75158PS
IC29	8-759-521-15	s IC MAX232CWE
IC30	8-759-049-55	s IC SN74HC00APW-E20
IC31	8-759-149-05	s IC UPD71051GB-10-3B4
IC32	8-759-277-99	s IC CXD8889R
IC33	8-759-277-99	s IC CXD8889R
IC34	8-759-049-56	s IC SN74HC02APW-E05
IC35	8-759-049-70	s IC SN74HC138APW-E05
IC36	8-759-049-60	s IC SN74HC08APW-E05

## (MPU-79 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC37	8-759-287-56	s IC UPD4701AGT
IC38	8-759-287-56	s IC UPD4701AGT
IC39	8-759-287-56	s IC UPD4701AGT
IC40	8-759-049-80	s IC SN74HC541APW-E05
IC41	8-759-049-80	s IC SN74HC541APW-E05
IC42	8-759-049-80	s IC SN74HC541APW-E05
IC50	8-759-050-10	s IC SN74HC163APW-E05
IC51	8-759-173-16	s IC TL062CPW
L1	1-412-031-11	s INDUCTOR CHIP 47UH
L2	1-424-627-11	s COIL 60UH
L3	1-410-948-11	s INDUCTOR 100UH
L4	1-412-049-11	s COIL, CHOKE 200UH
L5	1-412-049-11	s COIL, CHOKE 200UH
L6	1-410-948-11	s INDUCTOR 100UH
L7	1-410-948-11	s INDUCTOR 100UH
L8	1-412-032-11	s INDUCTOR CHIP 100UH
PH1	8-749-924-62	s PNOTO COUPLER PC410
PH2	8-749-924-62	s PNOTO COUPLER PC410
PH3	8-749-924-62	s PNOTO COUPLER PC410
PH4	8-749-924-62	s PNOTO COUPLER PC410
Q1	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q2	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q3	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q4	8-729-101-07	s TRANSISTOR 2SB798
Q5	8-729-101-07	s TRANSISTOR 2SB798
Q6	8-729-101-07	s TRANSISTOR 2SB798
Q7	8-729-101-07	s TRANSISTOR 2SB798
Q8	8-729-117-32	s TRANSISTOR 2SC4177
Q9	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
R1	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R2	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R3	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R4	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R5	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R6	1-218-732-11	s METAL 47K 0.50% 1/16W
R7	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R8	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R9	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R11	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R12	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R14	1-216-811-11	s METAL, CHIP 150 5% 1/16W
R15	1-218-723-11	s METAL 20K 0.50% 1/16W
R16	1-216-848-11	s METAL, CHIP 180K 5% 1/16W
R17	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R18	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R19	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R20	1-218-723-11	s METAL 20K 0.50% 1/16W
R21	1-218-723-11	s METAL 20K 0.50% 1/16W
R22	1-218-723-11	s METAL 20K 0.50% 1/16W
R23	1-218-723-11	s METAL 20K 0.50% 1/16W
R24	1-218-723-11	s METAL 20K 0.50% 1/16W
R25	1-218-723-11	s METAL 20K 0.50% 1/16W
R26	1-218-723-11	s METAL 20K 0.50% 1/16W
R27	1-218-723-11	s METAL 20K 0.50% 1/16W
R28	1-218-723-11	s METAL 20K 0.50% 1/16W
R29	1-218-716-11	s METAL 10K 0.50% 1/16W
R30	1-218-716-11	s METAL 10K 0.50% 1/16W
R31	1-218-716-11	s METAL 10K 0.50% 1/16W

## (MPU-79 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R32	1-218-716-11	s	METAL 10K 0.50% 1/16W
R33	1-218-716-11	s	METAL 10K 0.50% 1/16W
R34	1-218-716-11	s	METAL 10K 0.50% 1/16W
R35	1-218-716-11	s	METAL 10K 0.50% 1/16W
R36	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R37	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R38	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R39	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R40	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R41	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R42	1-218-716-11	s	METAL 10K 0.50% 1/16W
R43	1-218-716-11	s	METAL 10K 0.50% 1/16W
R44	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R45	1-218-716-11	s	METAL 10K 0.50% 1/16W
R46	1-218-716-11	s	METAL 10K 0.50% 1/16W
R47	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R48	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R49	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R50	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R51	1-218-732-11	s	METAL 47K 0.50% 1/16W
R52	1-218-732-11	s	METAL 47K 0.50% 1/16W
R53	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R54	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R55	1-218-740-11	s	METAL 100K 0.50% 1/16W
R56	1-218-740-11	s	METAL 100K 0.50% 1/16W
R57	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R58	1-218-740-11	s	METAL 100K 0.50% 1/16W
R59	1-218-740-11	s	METAL 100K 0.50% 1/16W
R60	1-218-728-11	s	METAL 33K 0.50% 1/16W
R61	1-218-728-11	s	METAL 33K 0.50% 1/16W
R62	1-218-637-11	s	METAL, CHIP 820 5% 1W
R63	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R64	1-218-637-11	s	METAL, CHIP 820 5% 1W
R65	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R66	1-218-716-11	s	METAL 10K 0.50% 1/16W
R67	1-218-720-11	s	METAL 15K 0.50% 1/16W
R68	1-218-716-11	s	METAL 10K 0.50% 1/16W
R69	1-218-718-11	s	METAL, CHIP 12K 0.50% 1/16W
R70	1-218-724-11	s	METAL 22K 0.50% 1/16W
R71	1-218-716-11	s	METAL 10K 0.50% 1/16W
R72	1-218-716-11	s	METAL 10K 0.50% 1/16W
R73	1-218-716-11	s	METAL 10K 0.50% 1/16W
R74	1-218-716-11	s	METAL 10K 0.50% 1/16W
R75	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R76	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R77	1-218-671-11	s	METAL, CHIP 130 0.50% 1/16W
R78	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R79	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R80	1-218-671-11	s	METAL, CHIP 130 0.50% 1/16W
R81	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R82	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R83	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R84	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R85	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R86	1-216-831-11	s	METAL, CHIP 6.8K 5% 1/16W
R87	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R88	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R89	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R90	1-216-813-11	s	METAL, CHIP 220 5% 1/16W

## (MPU-79 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R91	1-218-644-11	s	METAL 10 0.50% 1/16W
R92	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R93	1-218-686-11	s	METAL 560 0.50% 1/16W
R94	1-218-644-11	s	METAL 10 0.50% 1/16W
R95	1-218-732-11	s	METAL 47K 0.50% 1/16W
RB1	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB2	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB3	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB4	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB5	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB6	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB7	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB8	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB9	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB10	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB11	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB12	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB13	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB14	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB15	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB16	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB17	1-239-426-11	s	RESISTOR BLOCK, CHIP 2.2KX4
RB18	1-239-426-11	s	RESISTOR BLOCK, CHIP 2.2KX4
RB19	1-239-426-11	s	RESISTOR BLOCK, CHIP 2.2KX4
RB20	1-239-426-11	s	RESISTOR BLOCK, CHIP 2.2KX4
RB21	1-239-426-11	s	RESISTOR BLOCK, CHIP 2.2KX4
RB22	1-239-426-11	s	RESISTOR BLOCK, CHIP 2.2KX4
RB23	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB24	1-239-426-11	s	RESISTOR BLOCK, CHIP 2.2KX4
RB25	1-239-426-11	s	RESISTOR BLOCK, CHIP 2.2KX4
S1	1-692-271-31	s	SWITCH, SLIDE
S2	1-692-271-31	s	SWITCH, SLIDE
S3	1-692-271-31	s	SWITCH, SLIDE
S4	1-692-271-31	s	SWITCH, SLIDE
S5	1-571-187-11	s	SWITCH, PUSH
S6	1-571-275-11	s	SWITCH, SLIDE
S7	1-572-972-21	s	SWITCH, CHIP
S8	1-572-972-21	s	SWITCH, CHIP
X1	1-760-435-11	s	CRYSTAL, 18MHz

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SW-893 BOARD FOR RCP-730  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8312-189-A	o MOUNTED CIRCUIT BOARD, SW-893
1pc	3-708-895-01	s CAP
1pc	3-708-933-11	s CAP
1pc	3-708-934-01	s CAP
1pc	3-708-937-01	s CAP
1pc	3-708-937-11	s CAP
1pc	3-708-937-21	s CAP
1pc	3-708-937-31	s CAP
1pc	3-708-937-41	s CAP
1pc	3-708-938-01	s CAP
1pc	3-708-939-01	s CAP
1pc	3-708-940-01	s CAP
1pc	3-710-803-03	o HOLDER, DIA. 5-9 LED
1pc	1-573-201-11	s HOUSING, 5P
2pcs	1-568-616-11	o SOCKET, SIL 6P
1pc	1-563-949-11	o SOCKET, SIL 8P
1pc	1-573-201-11	s HOUSING, 5P
2pcs	1-569-090-11	o SOCKET, SIL 12P
BZ1	1-529-104-11	s BUZZER, PIEZOELECTRIC
C1	1-104-913-11	s TANTALUM, CHIP 10uF 20% 16V
C2	1-104-823-11	s TANTALUM, CHIP 47uF 20% 16V
C3	1-104-913-11	s TANTALUM, CHIP 10uF 20% 16V
C4	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C5	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C6	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C7	1-163-038-91	s CERAMIC 0.1uF 25V
C8	1-163-038-91	s CERAMIC 0.1uF 25V
C9	1-163-038-91	s CERAMIC 0.1uF 25V
C10	1-163-038-91	s CERAMIC 0.1uF 25V
C11	1-163-038-91	s CERAMIC 0.1uF 25V
C12	1-163-038-91	s CERAMIC 0.1uF 25V
C13	1-163-038-91	s CERAMIC 0.1uF 25V
C14	1-163-038-91	s CERAMIC 0.1uF 25V
C101	1-163-038-91	s CERAMIC 0.1uF 25V
C102	1-163-038-91	s CERAMIC 0.1uF 25V
C103	1-163-038-91	s CERAMIC 0.1uF 25V
C104	1-163-038-91	s CERAMIC 0.1uF 25V
C105	1-163-038-91	s CERAMIC 0.1uF 25V
C106	1-163-038-91	s CERAMIC 0.1uF 25V
C107	1-163-038-91	s CERAMIC 0.1uF 25V
C108	1-163-038-91	s CERAMIC 0.1uF 25V
C109	1-163-038-91	s CERAMIC 0.1uF 25V
C110	1-163-038-91	s CERAMIC 0.1uF 25V
C111	1-163-038-91	s CERAMIC 0.1uF 25V
C112	1-163-038-91	s CERAMIC 0.1uF 25V
C113	1-163-038-91	s CERAMIC 0.1uF 25V
C114	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C115	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C116	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C117	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C118	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C119	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C120	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C121	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C122	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C301	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C302	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C303	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V

(SW-893 BOARD FOR RCP-730)

Ref. No. or Q'ty	Part No.	SP Description
C304	1-163-038-91	s CERAMIC 0.1uF 25V
C305	1-163-038-91	s CERAMIC 0.1uF 25V
C306	1-163-038-91	s CERAMIC 0.1uF 25V
C307	1-163-038-91	s CERAMIC 0.1uF 25V
C308	1-163-038-91	s CERAMIC 0.1uF 25V
C309	1-135-216-11	s TANTALUM, CHIP 10uF 20% 10V
C310	1-104-913-11	s TANTALUM, CHIP 10uF 20% 16V
C501	1-163-038-91	s CERAMIC 0.1uF 25V
C502	1-163-038-91	s CERAMIC 0.1uF 25V
C503	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C504	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C505	1-163-038-91	s CERAMIC 0.1uF 25V
CN1	1-565-914-11	s SOCKET, CONNECTOR 25P
CN2	1-565-914-11	s SOCKET, CONNECTOR 25P
CN3	1-506-471-11	o PIN, CONNECTOR 6P
CN4	1-573-201-11	s HOUSING, 5P
CN8	1-563-949-11	o SOCKET, SIL 8P
CN9	1-573-201-11	s HOUSING, 5P
CN10	1-569-090-11	o SOCKET, SIL 12P
CN11	1-569-090-11	o SOCKET, SIL 12P
CN12	1-563-292-11	o CONNECTOR, 30P FEMALE
CN13	1-568-616-11	o SOCKET, SIL 6P
CN14	1-568-616-11	o SOCKET, SIL 6P
CN15	1-565-473-11	o HOUSING, 30P
CN16	1-251-222-11	s SOCKET, SIL 7P
CN17	1-251-222-11	s SOCKET, SIL 7P
CN18	1-506-467-11	o CONNECTOR, 2P, MALE
CN19	1-565-847-11	s SOCKET, CONNECTOR 12P
D101	8-719-024-81	s DIODE 1SS300-TE85L
D102	8-719-024-81	s DIODE 1SS300-TE85L
D103	8-719-024-81	s DIODE 1SS300-TE85L
D104	8-719-024-81	s DIODE 1SS300-TE85L
D105	8-719-024-81	s DIODE 1SS300-TE85L
D106	8-719-024-81	s DIODE 1SS300-TE85L
D107	8-719-024-81	s DIODE 1SS300-TE85L
D108	8-719-024-81	s DIODE 1SS300-TE85L
D109	8-719-024-81	s DIODE 1SS300-TE85L
D110	8-719-024-81	s DIODE 1SS300-TE85L
D111	8-719-024-81	s DIODE 1SS300-TE85L
D112	8-719-024-81	s DIODE 1SS300-TE85L
D113	8-719-024-81	s DIODE 1SS300-TE85L
D114	8-719-024-81	s DIODE 1SS300-TE85L
D115	8-719-024-81	s DIODE 1SS300-TE85L
D116	8-719-024-81	s DIODE 1SS300-TE85L
D117	8-719-024-81	s DIODE 1SS300-TE85L
D118	8-719-024-81	s DIODE 1SS300-TE85L
D119	8-719-024-81	s DIODE 1SS300-TE85L
D120	8-719-024-81	s DIODE 1SS300-TE85L
D121	8-719-024-81	s DIODE 1SS300-TE85L
D122	8-719-024-81	s DIODE 1SS300-TE85L
D123	8-719-024-81	s DIODE 1SS300-TE85L
D124	8-719-024-81	s DIODE 1SS300-TE85L
D125	8-719-024-81	s DIODE 1SS300-TE85L
D127	8-719-024-81	s DIODE 1SS300-TE85L
D128	8-719-024-81	s DIODE 1SS300-TE85L
D129	8-719-024-81	s DIODE 1SS300-TE85L
D130	8-719-024-81	s DIODE 1SS300-TE85L
D131	8-719-024-81	s DIODE 1SS300-TE85L

## (SW-893 BOARD FOR RCP-730)

Ref. No. or Q'ty	Part No.	SP	Description
D132	8-719-024-81	s	DIODE 1SS300-TE85L
D133	8-719-024-81	s	DIODE 1SS300-TE85L
D134	8-719-024-81	s	DIODE 1SS300-TE85L
D301	8-719-820-77	s	DIODE TLSG116
FB1	1-543-309-21	s	BEAD, FERRITE
IC1	8-759-082-58	s	IC TC7W08FU
IC2	8-759-388-15	o	IC HD6435328RE48F
IC102	8-759-079-82	s	IC TC74VHC238FS(EL)
IC103	8-759-079-82	s	IC TC74VHC238FS(EL)
IC104	8-759-079-82	s	IC TC74VHC238FS(EL)
IC105	8-759-079-82	s	IC TC74VHC238FS(EL)
IC106	8-759-049-83	s	IC SN74HC573BPW-E20
IC107	8-759-049-83	s	IC SN74HC573BPW-E20
IC108	8-759-049-83	s	IC SN74HC573BPW-E20
IC109	8-759-049-83	s	IC SN74HC573BPW-E20
IC110	8-759-049-83	s	IC SN74HC573BPW-E20
IC111	8-759-049-83	s	IC SN74HC573BPW-E20
IC112	8-759-049-83	s	IC SN74HC573BPW-E20
IC113	8-759-049-83	s	IC SN74HC573BPW-E20
IC114	8-759-049-83	s	IC SN74HC573BPW-E20
IC301	8-759-082-57	s	IC TC7W04FU
IC302	8-759-079-82	s	IC TC74VHC238FS(EL)
IC303	8-759-079-82	s	IC TC74VHC238FS(EL)
IC304	8-759-049-70	s	IC SN74HC138APW-E05
IC305	8-759-079-82	s	IC TC74VHC238FS(EL)
IC306	8-759-049-80	s	IC SN74HC541APW-E05
IC501	8-759-049-80	s	IC SN74HC541APW-E05
IC502	8-759-946-00	s	IC MB88341PFV
IC503	8-759-701-01	s	IC NJM2904M
L1	1-412-029-11	s	INDUCTOR CHIP 10UH
L2	1-412-029-11	s	INDUCTOR CHIP 10UH
Q101	8-729-924-39	s	TRANSISTOR DTC143XU
Q102	8-729-924-39	s	TRANSISTOR DTC143XU
Q103	8-729-924-39	s	TRANSISTOR DTC143XU
Q104	8-729-924-39	s	TRANSISTOR DTC143XU
Q105	8-729-924-39	s	TRANSISTOR DTC143XU
Q106	8-729-924-39	s	TRANSISTOR DTC143XU
Q107	8-729-924-39	s	TRANSISTOR DTC143XU
Q108	8-729-924-39	s	TRANSISTOR DTC143XU
Q109	8-729-924-39	s	TRANSISTOR DTC143XU
Q110	8-729-924-39	s	TRANSISTOR DTC143XU
Q111	8-729-924-39	s	TRANSISTOR DTC143XU
Q112	8-729-924-39	s	TRANSISTOR DTC143XU
Q113	8-729-924-39	s	TRANSISTOR DTC143XU
Q114	8-729-924-39	s	TRANSISTOR DTC143XU
Q115	8-729-924-39	s	TRANSISTOR DTC143XU
Q116	8-729-924-39	s	TRANSISTOR DTC143XU
Q117	8-729-924-39	s	TRANSISTOR DTC143XU
Q118	8-729-924-39	s	TRANSISTOR DTC143XU
Q119	8-729-924-39	s	TRANSISTOR DTC143XU
Q120	8-729-924-39	s	TRANSISTOR DTC143XU
Q121	8-729-924-39	s	TRANSISTOR DTC143XU
Q122	8-729-924-39	s	TRANSISTOR DTC143XU
Q123	8-729-924-39	s	TRANSISTOR DTC143XU
Q124	8-729-924-39	s	TRANSISTOR DTC143XU
Q125	8-729-924-39	s	TRANSISTOR DTC143XU
Q126	8-729-924-39	s	TRANSISTOR DTC143XU

## (SW-893 BOARD FOR RCP-730)

Ref. No. or Q'ty	Part No.	SP	Description
Q127	8-729-924-39	s	TRANSISTOR DTC143XU
Q128	8-729-924-39	s	TRANSISTOR DTC143XU
Q129	8-729-924-39	s	TRANSISTOR DTC143XU
Q130	8-729-924-39	s	TRANSISTOR DTC143XU
Q131	8-729-924-39	s	TRANSISTOR DTC143XU
Q132	8-729-924-39	s	TRANSISTOR DTC143XU
Q133	8-729-924-39	s	TRANSISTOR DTC143XU
Q135	8-729-924-39	s	TRANSISTOR DTC143XU
Q136	8-729-924-39	s	TRANSISTOR DTC143XU
Q137	8-729-924-39	s	TRANSISTOR DTC143XU
Q138	8-729-924-39	s	TRANSISTOR DTC143XU
Q139	8-729-924-39	s	TRANSISTOR DTC143XU
Q140	8-729-924-39	s	TRANSISTOR DTC143XU
Q141	8-729-924-39	s	TRANSISTOR DTC143XU
Q142	8-729-924-39	s	TRANSISTOR DTC143XU
Q143	8-729-924-39	s	TRANSISTOR DTC143XU
Q144	8-729-924-39	s	TRANSISTOR DTC143XU
Q145	8-729-924-39	s	TRANSISTOR DTC143XU
Q146	8-729-924-39	s	TRANSISTOR DTC143XU
Q147	8-729-924-39	s	TRANSISTOR DTC143XU
Q148	8-729-924-39	s	TRANSISTOR DTC143XU
Q149	8-729-924-39	s	TRANSISTOR DTC143XU
Q150	8-729-924-39	s	TRANSISTOR DTC143XU
Q151	8-729-924-39	s	TRANSISTOR DTC143XU
Q152	8-729-924-39	s	TRANSISTOR DTC143XU
Q153	8-729-924-39	s	TRANSISTOR DTC143XU
Q154	8-729-924-39	s	TRANSISTOR DTC143XU
Q155	8-729-924-39	s	TRANSISTOR DTC143XU
Q156	8-729-924-39	s	TRANSISTOR DTC143XU
Q157	8-729-924-39	s	TRANSISTOR DTC143XU
Q158	8-729-924-39	s	TRANSISTOR DTC143XU
Q159	8-729-924-39	s	TRANSISTOR DTC143XU
Q160	8-729-924-39	s	TRANSISTOR DTC143XU
Q161	8-729-924-39	s	TRANSISTOR DTC143XU
Q162	8-729-924-39	s	TRANSISTOR DTC143XU
Q163	8-729-924-39	s	TRANSISTOR DTC143XU
Q164	8-729-924-39	s	TRANSISTOR DTC143XU
Q165	8-729-924-39	s	TRANSISTOR DTC143XU
Q166	8-729-924-39	s	TRANSISTOR DTC143XU
Q167	8-729-924-39	s	TRANSISTOR DTC143XU
Q168	8-729-924-39	s	TRANSISTOR DTC143XU
Q301	8-729-924-39	s	TRANSISTOR DTC143XU
Q302	8-729-924-39	s	TRANSISTOR DTC143XU
Q303	8-729-924-39	s	TRANSISTOR DTC143XU
Q304	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q305	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q306	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q307	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q308	8-729-924-39	s	TRANSISTOR DTC143XU
Q309	8-729-924-39	s	TRANSISTOR DTC143XU
Q310	8-729-924-39	s	TRANSISTOR DTC143XU
Q311	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q312	8-729-924-39	s	TRANSISTOR DTC143XU
Q313	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q314	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q315	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q316	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q317	8-729-924-39	s	TRANSISTOR DTC143XU
Q318	8-729-924-39	s	TRANSISTOR DTC143XU

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Ref. No. or Q'ty	Part No.	SP	Description
Q319	8-729-924-39	s	TRANSISTOR DTC143XU
Q320	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q321	8-729-924-39	s	TRANSISTOR DTC143XU
Q322	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q323	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q324	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q325	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q326	8-729-924-39	s	TRANSISTOR DTC143XU
Q327	8-729-924-39	s	TRANSISTOR DTC143XU
Q328	8-729-924-39	s	TRANSISTOR DTC143XU
Q329	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q330	8-729-924-39	s	TRANSISTOR DTC143XU
Q331	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q332	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q333	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q334	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q335	8-729-924-39	s	TRANSISTOR DTC143XU
Q336	8-729-924-39	s	TRANSISTOR DTC143XU
Q337	8-729-924-39	s	TRANSISTOR DTC143XU
Q338	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q339	8-729-924-39	s	TRANSISTOR DTC143XU
Q340	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q341	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q342	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q343	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q344	8-729-924-39	s	TRANSISTOR DTC143XU
Q345	8-729-924-39	s	TRANSISTOR DTC143XU
Q346	8-729-924-39	s	TRANSISTOR DTC143XU
Q347	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q348	8-729-924-39	s	TRANSISTOR DTC143XU
Q349	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q350	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q351	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q352	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q353	8-729-924-39	s	TRANSISTOR DTC143XU
Q354	8-729-924-39	s	TRANSISTOR DTC143XU
Q355	8-729-924-39	s	TRANSISTOR DTC143XU
Q356	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q357	8-729-924-39	s	TRANSISTOR DTC143XU
Q358	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q359	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q360	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q361	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q362	8-729-924-39	s	TRANSISTOR DTC143XU
Q363	8-729-924-39	s	TRANSISTOR DTC143XU
Q364	8-729-924-39	s	TRANSISTOR DTC143XU
Q365	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q366	8-729-924-39	s	TRANSISTOR DTC143XU
Q367	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q368	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q369	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q370	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q371	8-729-924-39	s	TRANSISTOR DTC143XU
Q372	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q373	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q374	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q375	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q376	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q377	8-729-141-75	s	TRANSISTOR 2SD596DV345

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Ref. No. or Q'ty	Part No.	SP	Description
Q378	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q379	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q380	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q381	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q382	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q383	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q384	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q385	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q386	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q387	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q388	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q389	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q390	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q391	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q392	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q393	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q394	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q395	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q396	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q397	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q398	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q399	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q400	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q401	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q402	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q501	8-729-807-51	s	TRANSISTOR 2SD1623-S
R1	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R2	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R3	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R8	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R9	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R10	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R11	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R12	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R13	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R14	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R15	1-216-097-91	s	METAL, CHIP 100K 5% 1/10W
R16	1-216-097-91	s	METAL, CHIP 100K 5% 1/10W
R101	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R102	1-216-619-11	s	METAL, CHIP 47 0.50% 1/10W
R103	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R104	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R105	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R106	1-216-633-11	s	METAL, CHIP 180 0.50% 1/10W
R107	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R108	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R109	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R110	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R111	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R112	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R113	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R114	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R115	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R116	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R117	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R118	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R119	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R120	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W





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Ref. No. or Q'ty	Part No.	SP	Description					
R314	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R315	1-216-623-11	s	METAL, CHIP	68	0.50%	1/10W		
R316	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R317	1-216-623-11	s	METAL, CHIP	68	0.50%	1/10W		
R318	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R319	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R320	1-216-625-11	s	METAL, CHIP	82	0.50%	1/10W		
R321	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R322	1-216-623-11	s	METAL, CHIP	68	0.50%	1/10W		
R323	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R324	1-216-623-11	s	METAL, CHIP	68	0.50%	1/10W		
R325	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R326	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R327	1-216-625-11	s	METAL, CHIP	82	0.50%	1/10W		
R328	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R329	1-216-623-11	s	METAL, CHIP	68	0.50%	1/10W		
R330	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R331	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R332	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R333	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R334	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R335	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R336	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R337	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R338	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R339	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R340	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R341	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R342	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R343	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R344	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R345	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R346	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R347	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R348	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R349	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R350	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R351	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R352	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R353	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R354	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R355	1-216-613-11	s	METAL, CHIP	27	0.50%	1/10W		
R356	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R357	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R358	1-216-609-11	s	METAL, CHIP	18	0.50%	1/10W		
R359	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R360	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R361	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R362	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R363	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R364	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R365	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R366	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R367	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R368	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R369	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R370	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R371	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		
R372	1-216-033-00	s	METAL, CHIP	220	5%	1/10W		

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Ref. No. or Q'ty	Part No.	SP Description
R373	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R374	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R375	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R376	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R377	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R378	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R379	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R380	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R381	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R382	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R383	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R384	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R385	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R386	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R387	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R388	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R501	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R502	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R503	1-216-675-11	s METAL, CHIP 10K 0.5% 1/10W
R504	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R505	1-220-149-11	s METAL, CHIP 2.2 10% 1/2W
R506	1-216-660-11	s METAL, CHIP 2.4K 0.5% 1/10W
RB1	1-239-309-11	s RESISTOR BLOCK, CHIP 100KX8
RB2	1-239-309-11	s RESISTOR BLOCK, CHIP 100KX8
RB3	1-239-309-11	s RESISTOR BLOCK, CHIP 100KX8
RB4	1-239-308-11	s RESISTOR BLOCK, CHIP 47KX8
RB5	1-239-308-11	s RESISTOR BLOCK, CHIP 47KX8
RB6	1-239-309-11	s RESISTOR BLOCK, CHIP 100KX8
RB7	1-239-309-11	s RESISTOR BLOCK, CHIP 100KX8
RB8	1-239-430-11	s RESISTOR BLOCK, CHIP 4.7K
RB9	1-239-309-11	s RESISTOR BLOCK, CHIP 100KX8
RV1	1-238-255-21	s RES, VAR CARBON 10K
RV2	1-238-255-21	s RES, VAR CARBON 10K
RV301	1-473-794-11	s ENCODER, ROTARY (WITH LED)
RV302	1-473-794-11	s ENCODER, ROTARY (WITH LED)
RV303	1-473-794-11	s ENCODER, ROTARY (WITH LED)
S1	1-762-139-11	s SWITCH, TACTILE
S2	1-762-139-11	s SWITCH, TACTILE
S3	1-762-139-11	s SWITCH, TACTILE
S4	1-762-139-11	s SWITCH, TACTILE
S5	1-762-138-11	s SWITCH, TACTILE
S6	1-762-042-11	s SWITCH, TACTILE
S7	1-762-042-11	s SWITCH, TACTILE
S8	1-762-136-51	s SWITCH, TACTILE
S9	1-762-138-11	s SWITCH, TACTILE
S10	1-762-042-11	s SWITCH, TACTILE
S11	1-762-042-11	s SWITCH, TACTILE
S12	1-762-042-11	s SWITCH, TACTILE
S13	1-762-137-11	s SWITCH, TACTILE
S14	1-762-137-11	s SWITCH, TACTILE
S15	1-762-137-11	s SWITCH, TACTILE
S16	1-762-136-51	s SWITCH, TACTILE
S17	1-762-139-11	s SWITCH, TACTILE
S18	1-762-042-11	s SWITCH, TACTILE
S19	1-762-042-11	s SWITCH, TACTILE
S20	1-762-042-11	s SWITCH, TACTILE
S21	1-762-042-11	s SWITCH, TACTILE
S22	1-762-042-11	s SWITCH, TACTILE

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Ref. No. or Q'ty	Part No.	SP Description
S23	1-762-042-11	s SWITCH, TACTILE
S24	1-762-136-51	s SWITCH, TACTILE
S25	1-762-042-11	s SWITCH, TACTILE
S26	1-762-042-11	s SWITCH, TACTILE
S27	1-762-042-11	s SWITCH, TACTILE
S28	1-762-042-11	s SWITCH, TACTILE
S29	1-762-042-11	s SWITCH, TACTILE
S30	1-762-042-11	s SWITCH, TACTILE
S31	1-762-137-11	s SWITCH, TACTILE
S32	1-762-136-51	s SWITCH, TACTILE
S33	1-762-136-41	s SWITCH, TACTILE
S34	1-762-136-11	s SWITCH, TACTILE
S35	1-762-136-51	s SWITCH, TACTILE
S36	1-762-136-51	s SWITCH, TACTILE
S37	1-762-136-51	s SWITCH, TACTILE
S38	1-762-136-51	s SWITCH, TACTILE
S39	1-762-136-51	s SWITCH, TACTILE
S40	1-762-136-51	s SWITCH, TACTILE
S41	1-762-137-11	s SWITCH, TACTILE
S42	1-762-136-21	s SWITCH, TACTILE
S43	1-762-136-31	s SWITCH, TACTILE
S44	1-762-042-11	s SWITCH, TACTILE
S45	1-762-042-11	s SWITCH, TACTILE
S46	1-762-042-11	s SWITCH, TACTILE
S47	1-762-042-11	s SWITCH, TACTILE
S48	1-762-042-11	s SWITCH, TACTILE
S49	1-762-042-11	s SWITCH, TACTILE
S50	1-762-042-11	s SWITCH, TACTILE
S51	1-762-042-11	s SWITCH, TACTILE
S52	1-762-042-11	s SWITCH, TACTILE
S53	1-762-042-11	s SWITCH, TACTILE
S54	1-762-042-11	s SWITCH, TACTILE
S55	1-762-042-11	s SWITCH, TACTILE
S56	1-762-133-11	s SWITCH, TACTILE
S57	1-762-042-11	s SWITCH, TACTILE
S58	1-762-042-11	s SWITCH, TACTILE
S59	1-762-042-11	s SWITCH, TACTILE
S60	1-762-138-11	s SWITCH, TACTILE
S61	1-762-042-11	s SWITCH, TACTILE
S62	1-762-042-11	s SWITCH, TACTILE
S63	1-762-042-11	s SWITCH, TACTILE
S64	1-762-132-21	s SWITCH, TACTILE
S65	1-762-042-11	s SWITCH, TACTILE
S66	1-762-042-11	s SWITCH, TACTILE

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SW-894 BOARD FOR RCP-731  
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Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8312-175-A	o	MOUNTED CIRCUIT BOARD, SW-894
1pc	3-708-895-01	s	CAP
1pc	3-708-933-11	s	CAP
1pc	3-708-934-01	s	CAP
1pc	3-708-937-01	s	CAP
1pc	3-708-937-11	s	CAP
1pc	3-708-937-21	s	CAP
1pc	3-708-937-31	s	CAP
1pc	3-708-937-41	s	CAP
1pc	3-708-938-01	s	CAP
1pc	3-708-939-01	s	CAP
1pc	3-708-940-01	s	CAP
1pc	3-710-803-03	o	HOLDER, DIA. 5-9 LED
1pc	1-573-201-11	s	HOUSING, 5P
2pcs	1-568-616-11	o	SOCKET, SIL 6P
1pc	1-563-949-11	o	SOCKET, SIL 8P
1pc	1-573-201-11	s	HOUSING, 5P
3pcs	1-568-417-11	o	SOCKET, SIL 14P
BZ1	1-529-104-11	s	BUZZER, PIEZOELECTRIC
C1	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C2	1-113-642-11	s	TANTALUM, CHIP 47uF 20% 10V
C3	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C4	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 50V
C5	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 50V
C6	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 50V
C7	1-163-038-91	s	CERAMIC 0.1uF 25V
C8	1-163-038-91	s	CERAMIC 0.1uF 25V
C9	1-163-038-91	s	CERAMIC 0.1uF 25V
C10	1-163-038-91	s	CERAMIC 0.1uF 25V
C11	1-163-038-91	s	CERAMIC 0.1uF 25V
C12	1-163-038-91	s	CERAMIC 0.1uF 25V
C13	1-163-038-91	s	CERAMIC 0.1uF 25V
C14	1-163-038-91	s	CERAMIC 0.1uF 25V
C101	1-163-038-91	s	CERAMIC 0.1uF 25V
C102	1-163-038-91	s	CERAMIC 0.1uF 25V
C103	1-163-038-91	s	CERAMIC 0.1uF 25V
C104	1-163-038-91	s	CERAMIC 0.1uF 25V
C105	1-163-038-91	s	CERAMIC 0.1uF 25V
C106	1-163-038-91	s	CERAMIC 0.1uF 25V
C107	1-163-038-91	s	CERAMIC 0.1uF 25V
C108	1-163-038-91	s	CERAMIC 0.1uF 25V
C109	1-163-038-91	s	CERAMIC 0.1uF 25V
C110	1-163-038-91	s	CERAMIC 0.1uF 25V
C111	1-163-038-91	s	CERAMIC 0.1uF 25V
C112	1-163-038-91	s	CERAMIC 0.1uF 25V
C113	1-163-038-91	s	CERAMIC 0.1uF 25V
C114	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C115	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C116	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C117	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C118	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C119	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C120	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C121	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C122	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C301	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C302	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C303	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V

(SW-894 BOARD FOR RCP-731)

Ref. No. or Q'ty	Part No.	SP	Description
C304	1-163-038-91	s	CERAMIC 0.1uF 25V
C305	1-163-038-91	s	CERAMIC 0.1uF 25V
C306	1-163-038-91	s	CERAMIC 0.1uF 25V
C307	1-163-038-91	s	CERAMIC 0.1uF 25V
C308	1-163-038-91	s	CERAMIC 0.1uF 25V
C309	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C310	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V
C501	1-163-038-91	s	CERAMIC 0.1uF 25V
C502	1-163-038-91	s	CERAMIC 0.1uF 25V
C503	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C504	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C505	1-163-038-91	s	CERAMIC 0.1uF 25V
CN1	1-565-914-11	s	SOCKET, CONNECTOR 25P
CN2	1-565-914-11	s	SOCKET, CONNECTOR 25P
CN3	1-506-471-11	o	PIN, CONNECTOR 6P
CN4	1-573-201-11	s	HOUSING, 5P
CN8	1-563-949-11	o	SOCKET, SIL 8P
CN9	1-573-201-11	s	HOUSING, 5P
CN10	1-568-417-11	o	SOCKET, SIL 14P
CN11	1-568-417-11	o	SOCKET, SIL 14P
CN12	1-568-417-11	o	SOCKET, SIL 14P
CN13	1-568-616-11	o	SOCKET, SIL 6P
CN14	1-568-616-11	o	SOCKET, SIL 6P
CN15	1-565-473-11	o	HOUSING, 30P
CN16	1-251-222-11	s	SOCKET, SIL 7P
CN17	1-251-222-11	s	SOCKET, SIL 7P
CN18	1-506-467-11	o	CONNECTOR, 2P, MALE
CN19	1-565-847-11	s	SOCKET, CONNECTOR 12P
CN20	1-506-468-11	o	CONNECTOR, 3P, MALE
D101	8-719-024-81	s	DIODE 1SS300-TE85L
D102	8-719-024-81	s	DIODE 1SS300-TE85L
D103	8-719-024-81	s	DIODE 1SS300-TE85L
D104	8-719-024-81	s	DIODE 1SS300-TE85L
D105	8-719-024-81	s	DIODE 1SS300-TE85L
D106	8-719-024-81	s	DIODE 1SS300-TE85L
D107	8-719-024-81	s	DIODE 1SS300-TE85L
D108	8-719-024-81	s	DIODE 1SS300-TE85L
D109	8-719-024-81	s	DIODE 1SS300-TE85L
D110	8-719-024-81	s	DIODE 1SS300-TE85L
D111	8-719-024-81	s	DIODE 1SS300-TE85L
D112	8-719-024-81	s	DIODE 1SS300-TE85L
D113	8-719-024-81	s	DIODE 1SS300-TE85L
D114	8-719-024-81	s	DIODE 1SS300-TE85L
D115	8-719-024-81	s	DIODE 1SS300-TE85L
D116	8-719-024-81	s	DIODE 1SS300-TE85L
D117	8-719-024-81	s	DIODE 1SS300-TE85L
D118	8-719-024-81	s	DIODE 1SS300-TE85L
D119	8-719-024-81	s	DIODE 1SS300-TE85L
D120	8-719-024-81	s	DIODE 1SS300-TE85L
D121	8-719-024-81	s	DIODE 1SS300-TE85L
D122	8-719-024-81	s	DIODE 1SS300-TE85L
D123	8-719-024-81	s	DIODE 1SS300-TE85L
D124	8-719-024-81	s	DIODE 1SS300-TE85L
D125	8-719-024-81	s	DIODE 1SS300-TE85L
D127	8-719-024-81	s	DIODE 1SS300-TE85L
D128	8-719-024-81	s	DIODE 1SS300-TE85L
D129	8-719-024-81	s	DIODE 1SS300-TE85L
D130	8-719-024-81	s	DIODE 1SS300-TE85L

## (SW-894 BOARD FOR RCP-731)

Ref. No. or Q'ty	Part No.	SP	Description
D131	8-719-024-81	s	DIODE 1SS300-TE85L
D132	8-719-024-81	s	DIODE 1SS300-TE85L
D133	8-719-024-81	s	DIODE 1SS300-TE85L
D134	8-719-024-81	s	DIODE 1SS300-TE85L
D301	8-719-820-77	s	DIODE TLG116
FB1	1-543-309-21	s	BEAD, FERRITE
IC1	8-759-082-58	s	IC TC7W08FU
IC2	8-759-388-15	o	IC HD6435328RE48F
IC101	8-759-082-57	s	IC TC7W04FU
IC102	8-759-079-82	s	IC TC74VHC238FS(EL)
IC103	8-759-079-82	s	IC TC74VHC238FS(EL)
IC104	8-759-079-82	s	IC TC74VHC238FS(EL)
IC105	8-759-079-82	s	IC TC74VHC238FS(EL)
IC106	8-759-049-83	s	IC SN74HC573BPW-E20
IC107	8-759-049-83	s	IC SN74HC573BPW-E20
IC108	8-759-049-83	s	IC SN74HC573BPW-E20
IC109	8-759-049-83	s	IC SN74HC573BPW-E20
IC110	8-759-049-83	s	IC SN74HC573BPW-E20
IC111	8-759-049-83	s	IC SN74HC573BPW-E20
IC112	8-759-049-83	s	IC SN74HC573BPW-E20
IC113	8-759-049-83	s	IC SN74HC573BPW-E20
IC114	8-759-049-83	s	IC SN74HC573BPW-E20
IC302	8-759-079-82	s	IC TC74VHC238FS(EL)
IC303	8-759-079-82	s	IC TC74VHC238FS(EL)
IC304	8-759-049-70	s	IC SN74HC138APW-E05
IC305	8-759-079-82	s	IC TC74VHC238FS(EL)
IC306	8-759-049-80	s	IC SN74HC541APW-E05
IC501	8-759-049-80	s	IC SN74HC541APW-E05
IC502	8-759-946-00	s	IC MB88341PFV
IC503	8-759-701-01	s	IC NJM2904M
L1	1-412-029-11	s	INDUCTOR CHIP 10UH
L2	1-412-029-11	s	INDUCTOR CHIP 10UH
Q101	8-729-924-39	s	TRANSISTOR DTC143XU
Q102	8-729-924-39	s	TRANSISTOR DTC143XU
Q103	8-729-924-39	s	TRANSISTOR DTC143XU
Q104	8-729-924-39	s	TRANSISTOR DTC143XU
Q105	8-729-924-39	s	TRANSISTOR DTC143XU
Q106	8-729-924-39	s	TRANSISTOR DTC143XU
Q107	8-729-924-39	s	TRANSISTOR DTC143XU
Q108	8-729-924-39	s	TRANSISTOR DTC143XU
Q109	8-729-924-39	s	TRANSISTOR DTC143XU
Q110	8-729-924-39	s	TRANSISTOR DTC143XU
Q111	8-729-924-39	s	TRANSISTOR DTC143XU
Q112	8-729-924-39	s	TRANSISTOR DTC143XU
Q113	8-729-924-39	s	TRANSISTOR DTC143XU
Q114	8-729-924-39	s	TRANSISTOR DTC143XU
Q115	8-729-924-39	s	TRANSISTOR DTC143XU
Q116	8-729-924-39	s	TRANSISTOR DTC143XU
Q117	8-729-924-39	s	TRANSISTOR DTC143XU
Q118	8-729-924-39	s	TRANSISTOR DTC143XU
Q119	8-729-924-39	s	TRANSISTOR DTC143XU
Q120	8-729-924-39	s	TRANSISTOR DTC143XU
Q121	8-729-924-39	s	TRANSISTOR DTC143XU
Q122	8-729-924-39	s	TRANSISTOR DTC143XU
Q123	8-729-924-39	s	TRANSISTOR DTC143XU
Q124	8-729-924-39	s	TRANSISTOR DTC143XU
Q125	8-729-924-39	s	TRANSISTOR DTC143XU

## (SW-894 BOARD FOR RCP-731)

Ref. No. or Q'ty	Part No.	SP	Description
Q126	8-729-924-39	s	TRANSISTOR DTC143XU
Q127	8-729-924-39	s	TRANSISTOR DTC143XU
Q128	8-729-924-39	s	TRANSISTOR DTC143XU
Q129	8-729-924-39	s	TRANSISTOR DTC143XU
Q130	8-729-924-39	s	TRANSISTOR DTC143XU
Q131	8-729-924-39	s	TRANSISTOR DTC143XU
Q132	8-729-924-39	s	TRANSISTOR DTC143XU
Q133	8-729-924-39	s	TRANSISTOR DTC143XU
Q135	8-729-924-39	s	TRANSISTOR DTC143XU
Q136	8-729-924-39	s	TRANSISTOR DTC143XU
Q137	8-729-924-39	s	TRANSISTOR DTC143XU
Q138	8-729-924-39	s	TRANSISTOR DTC143XU
Q139	8-729-924-39	s	TRANSISTOR DTC143XU
Q140	8-729-924-39	s	TRANSISTOR DTC143XU
Q141	8-729-924-39	s	TRANSISTOR DTC143XU
Q142	8-729-924-39	s	TRANSISTOR DTC143XU
Q143	8-729-924-39	s	TRANSISTOR DTC143XU
Q144	8-729-924-39	s	TRANSISTOR DTC143XU
Q145	8-729-924-39	s	TRANSISTOR DTC143XU
Q146	8-729-924-39	s	TRANSISTOR DTC143XU
Q147	8-729-924-39	s	TRANSISTOR DTC143XU
Q148	8-729-924-39	s	TRANSISTOR DTC143XU
Q149	8-729-924-39	s	TRANSISTOR DTC143XU
Q150	8-729-924-39	s	TRANSISTOR DTC143XU
Q151	8-729-924-39	s	TRANSISTOR DTC143XU
Q152	8-729-924-39	s	TRANSISTOR DTC143XU
Q153	8-729-924-39	s	TRANSISTOR DTC143XU
Q154	8-729-924-39	s	TRANSISTOR DTC143XU
Q155	8-729-924-39	s	TRANSISTOR DTC143XU
Q156	8-729-924-39	s	TRANSISTOR DTC143XU
Q157	8-729-924-39	s	TRANSISTOR DTC143XU
Q158	8-729-924-39	s	TRANSISTOR DTC143XU
Q159	8-729-924-39	s	TRANSISTOR DTC143XU
Q160	8-729-924-39	s	TRANSISTOR DTC143XU
Q161	8-729-924-39	s	TRANSISTOR DTC143XU
Q162	8-729-924-39	s	TRANSISTOR DTC143XU
Q163	8-729-924-39	s	TRANSISTOR DTC143XU
Q164	8-729-924-39	s	TRANSISTOR DTC143XU
Q165	8-729-924-39	s	TRANSISTOR DTC143XU
Q166	8-729-924-39	s	TRANSISTOR DTC143XU
Q167	8-729-924-39	s	TRANSISTOR DTC143XU
Q168	8-729-924-39	s	TRANSISTOR DTC143XU
Q301	8-729-924-39	s	TRANSISTOR DTC143XU
Q302	8-729-924-39	s	TRANSISTOR DTC143XU
Q303	8-729-924-39	s	TRANSISTOR DTC143XU
Q304	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q305	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q306	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q307	8-729-924-39	s	TRANSISTOR DTC143XU
Q308	8-729-924-39	s	TRANSISTOR DTC143XU
Q309	8-729-924-39	s	TRANSISTOR DTC143XU
Q310	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q311	8-729-924-39	s	TRANSISTOR DTC143XU
Q312	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q313	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q314	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q315	8-729-924-39	s	TRANSISTOR DTC143XU
Q316	8-729-924-39	s	TRANSISTOR DTC143XU
Q317	8-729-924-39	s	TRANSISTOR DTC143XU

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Ref. No. or Q'ty	Part No.	SP	Description
Q318	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q319	8-729-924-39	s	TRANSISTOR DTC143XU
Q320	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q321	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q322	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q323	8-729-924-39	s	TRANSISTOR DTC143XU
Q324	8-729-924-39	s	TRANSISTOR DTC143XU
Q325	8-729-924-39	s	TRANSISTOR DTC143XU
Q326	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q327	8-729-924-39	s	TRANSISTOR DTC143XU
Q328	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q329	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q330	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q331	8-729-924-39	s	TRANSISTOR DTC143XU
Q332	8-729-924-39	s	TRANSISTOR DTC143XU
Q333	8-729-924-39	s	TRANSISTOR DTC143XU
Q334	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q335	8-729-924-39	s	TRANSISTOR DTC143XU
Q336	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q337	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q338	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q339	8-729-924-39	s	TRANSISTOR DTC143XU
Q340	8-729-924-39	s	TRANSISTOR DTC143XU
Q341	8-729-924-39	s	TRANSISTOR DTC143XU
Q342	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q343	8-729-924-39	s	TRANSISTOR DTC143XU
Q344	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q345	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q346	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q347	8-729-924-39	s	TRANSISTOR DTC143XU
Q348	8-729-924-39	s	TRANSISTOR DTC143XU
Q349	8-729-924-39	s	TRANSISTOR DTC143XU
Q350	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q351	8-729-924-39	s	TRANSISTOR DTC143XU
Q352	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q353	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q354	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q355	8-729-924-39	s	TRANSISTOR DTC143XU
Q356	8-729-924-39	s	TRANSISTOR DTC143XU
Q357	8-729-924-39	s	TRANSISTOR DTC143XU
Q358	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q359	8-729-924-39	s	TRANSISTOR DTC143XU
Q360	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q361	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q362	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q363	8-729-924-39	s	TRANSISTOR DTC143XU
Q364	8-729-028-88	s	TRANSISTOR DTA143XUA-T106
Q365	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q366	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q367	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q368	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q369	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q370	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q371	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q372	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q373	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q374	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q375	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q376	8-729-141-75	s	TRANSISTOR 2SD596DV345

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Ref. No. or Q'ty	Part No.	SP	Description
Q377	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q378	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q379	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q380	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q381	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q382	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q383	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q384	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q385	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q386	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q387	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q388	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q389	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q390	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q391	8-729-162-45	s	TRANSISTOR 2SB624-BV5
Q392	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q501	8-729-807-51	s	TRANSISTOR 2SD1623-S
R1	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R2	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R3	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R8	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R9	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R10	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R11	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R12	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R13	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R14	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R15	1-216-097-91	s	METAL, CHIP 100K 5% 1/10W
R16	1-216-097-91	s	METAL, CHIP 100K 5% 1/10W
R101	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R102	1-216-619-11	s	METAL, CHIP 47 0.50% 1/10W
R103	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R104	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R105	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R106	1-216-633-11	s	METAL, CHIP 180 0.50% 1/10W
R107	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R108	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R109	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R110	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R111	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R112	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R113	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R114	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R115	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R116	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R117	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R118	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R119	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R120	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R121	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R122	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R123	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R124	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R125	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R126	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R127	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R128	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W
R129	1-216-625-11	s	METAL, CHIP 82 0.50% 1/10W

(SW-894 BOARD FOR RCP-731)

Ref. No. or Q'ty	Part No.	SP	Description
R323	1-216-613-11	s	METAL, CHIP 27 0.50% 1/10W
R324	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R325	1-216-623-11	s	METAL, CHIP 68 0.50% 1/10W
R326	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R327	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R328	1-216-613-11	s	METAL, CHIP 27 0.50% 1/10W
R329	1-216-613-11	s	METAL, CHIP 27 0.50% 1/10W
R330	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R331	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R332	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R333	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R334	1-216-613-11	s	METAL, CHIP 27 0.50% 1/10W
R335	1-216-613-11	s	METAL, CHIP 27 0.50% 1/10W
R336	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R337	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R338	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R339	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R340	1-216-613-11	s	METAL, CHIP 27 0.50% 1/10W
R341	1-216-613-11	s	METAL, CHIP 27 0.50% 1/10W
R342	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R343	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R344	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R345	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R346	1-216-613-11	s	METAL, CHIP 27 0.50% 1/10W
R347	1-216-613-11	s	METAL, CHIP 27 0.50% 1/10W
R348	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R349	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R350	1-216-609-11	s	METAL, CHIP 18 0.50% 1/10W
R351	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R352	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R353	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R354	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R355	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R356	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R357	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R358	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R359	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R360	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R361	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R362	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R363	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R364	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R365	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R366	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R367	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R368	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R369	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R370	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R371	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R372	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R373	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R374	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R375	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R376	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R377	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R378	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R501	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R502	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R503	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W

## (SW-894 BOARD FOR RCP-731)

Ref. No. or Q'ty	Part No.	SP	Description
R504	1-216-673-11	s	METAL, CHIP 8.2K 0.5% 1/10W
R505	1-220-149-11	s	METAL, CHIP 2.2 10% 1/2W
R506	1-216-660-11	s	METAL, CHIP 2.4K 0.5% 1/10W
RB1	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB2	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB3	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB4	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB5	1-239-308-11	s	RESISTOR BLOCK, CHIP 47KX8
RB6	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB7	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RB8	1-239-430-11	s	RESISTOR BLOCK, CHIP 4.7K
RB9	1-239-309-11	s	RESISTOR BLOCK, CHIP 100KX8
RV1	1-238-255-21	s	RES, VAR CARBON 10K
RV2	1-238-255-21	s	RES, VAR CARBON 10K
RV301	1-473-794-11	s	ENCODER, ROTARY (WITH LED)
RV302	1-473-794-11	s	ENCODER, ROTARY (WITH LED)
RV303	1-473-794-11	s	ENCODER, ROTARY (WITH LED)
S1	1-762-139-11	s	SWITCH, TACTILE
S2	1-762-139-11	s	SWITCH, TACTILE
S3	1-762-139-11	s	SWITCH, TACTILE
S4	1-762-139-11	s	SWITCH, TACTILE
S5	1-762-138-11	s	SWITCH, TACTILE
S6	1-762-042-11	s	SWITCH, TACTILE
S7	1-762-042-11	s	SWITCH, TACTILE
S8	1-762-136-51	s	SWITCH, TACTILE
S9	1-762-138-11	s	SWITCH, TACTILE
S10	1-762-042-11	s	SWITCH, TACTILE
S11	1-762-042-11	s	SWITCH, TACTILE
S12	1-762-042-11	s	SWITCH, TACTILE
S13	1-762-137-11	s	SWITCH, TACTILE
S14	1-762-137-11	s	SWITCH, TACTILE
S15	1-762-137-11	s	SWITCH, TACTILE
S16	1-762-136-51	s	SWITCH, TACTILE
S17	1-762-139-11	s	SWITCH, TACTILE
S18	1-762-042-11	s	SWITCH, TACTILE
S19	1-762-042-11	s	SWITCH, TACTILE
S20	1-762-042-11	s	SWITCH, TACTILE
S21	1-762-042-11	s	SWITCH, TACTILE
S22	1-762-042-11	s	SWITCH, TACTILE
S23	1-762-042-11	s	SWITCH, TACTILE
S24	1-762-136-51	s	SWITCH, TACTILE
S25	1-762-042-11	s	SWITCH, TACTILE
S26	1-762-042-11	s	SWITCH, TACTILE
S27	1-762-042-11	s	SWITCH, TACTILE
S28	1-762-042-11	s	SWITCH, TACTILE
S29	1-762-042-11	s	SWITCH, TACTILE
S30	1-762-042-11	s	SWITCH, TACTILE
S31	1-762-137-11	s	SWITCH, TACTILE
S32	1-762-136-51	s	SWITCH, TACTILE
S33	1-762-136-41	s	SWITCH, TACTILE
S34	1-762-136-11	s	SWITCH, TACTILE
S35	1-762-136-51	s	SWITCH, TACTILE
S36	1-762-136-51	s	SWITCH, TACTILE
S37	1-762-136-51	s	SWITCH, TACTILE
S38	1-762-136-51	s	SWITCH, TACTILE
S39	1-762-136-51	s	SWITCH, TACTILE
S40	1-762-136-51	s	SWITCH, TACTILE
S41	1-762-137-11	s	SWITCH, TACTILE

## (SW-894 BOARD FOR RCP-731)

Ref. No. or Q'ty	Part No.	SP	Description
S42	1-762-136-21	s	SWITCH, TACTILE
S43	1-762-136-31	s	SWITCH, TACTILE
S44	1-762-042-11	s	SWITCH, TACTILE
S45	1-762-042-11	s	SWITCH, TACTILE
S46	1-762-042-11	s	SWITCH, TACTILE
S47	1-762-042-11	s	SWITCH, TACTILE
S48	1-762-042-11	s	SWITCH, TACTILE
S49	1-762-042-11	s	SWITCH, TACTILE
S50	1-762-042-11	s	SWITCH, TACTILE
S51	1-762-042-11	s	SWITCH, TACTILE
S52	1-762-042-11	s	SWITCH, TACTILE
S53	1-762-042-11	s	SWITCH, TACTILE
S54	1-762-042-11	s	SWITCH, TACTILE
S55	1-762-042-11	s	SWITCH, TACTILE
S56	1-762-133-11	s	SWITCH, TACTILE
S57	1-762-042-11	s	SWITCH, TACTILE
S58	1-762-042-11	s	SWITCH, TACTILE
S59	1-762-042-11	s	SWITCH, TACTILE
S60	1-762-138-11	s	SWITCH, TACTILE
S61	1-762-042-11	s	SWITCH, TACTILE
S62	1-762-042-11	s	SWITCH, TACTILE
S63	1-762-042-11	s	SWITCH, TACTILE
S64	1-762-132-21	s	SWITCH, TACTILE
S65	1-762-042-11	s	SWITCH, TACTILE
S66	1-762-042-11	s	SWITCH, TACTILE

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FRAME  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-574-144-11	s CABLE, FLAT 12P (MPU-SW)
1pc	1-574-145-11	s CABLE, FLAT 30P (MPU-SW)
3pc	1-574-161-11	s CABLE, FLAT 25P (MPU-SW,MPU-CN)
CN2F(TO CN-1453 BOARD)		
	1-569-197-11	o PLUG HOUSING, 4P
	1-569-194-11	o CONTACT, FEMALE AWG24-30
CN3F(TO SW-893,894)		
	1-569-199-11	o PLUG HOUSING, 6P
	1-569-194-11	o CONTACT, FEMALE AWG24-30
CN16F(TO SW-893,894)		
CN17F	1-566-479-00	s PLUG HOUSING, 7P
	1-569-194-11	o CONTACT, FEMALE AWG24-30
CN18F(TO SW-893,894)		
	1-569-195-11	o HOUSING, 2P
	1-569-194-11	o CONTACT, FEMALE AWG24-30
CN101	1-561-795-00	s SOCKET, 6P FEMALE "PREVIEW"
[RCP-730 ONLY]		
RV201	1-230-817-11	s RES, VAR CARBON 5K "IRIS"
RV202	1-224-981-31	s RES, VAR METAL 5K "MASTER BLACK"
S201	1-570-504-11	s SWITCH, MICRO "PREVIEW"
[RCP-731 ONLY]		
RV203	1-226-786-21	s RES, VAR METAL 10K "IRIS"
RV204	1-224-981-41	s RES, VAR CERMET 5K "MASTER BLACK"

### 3-3. Supplied Accessories

Ref. No. or Q'ty	Part No.	SP Description
1	1-560-691-11	s PLUG, CONNECTOR 6P



## Section 4

### Semiconductor Pin Assignments

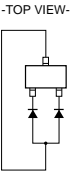
ここに記載されている半導体は、それぞれの機能を等価的に表したものです。なお、互換性のない型名を併記していることがありますので、部品を交換するときは、Spare Partsの章を参照してください。

等価回路は I C メーカーのデータブックに従いました。

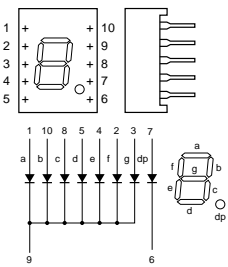
Semiconductors of which functions are equivalent are described here. For parts replacement, refer to the section of Spare Parts in this manual. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

DIODE	Page	TRANSISTOR	Page	IC	Page	IC	Page
1SS300-TE85L .....	4-2	2SA1213Y-TE12L .....	4-3	CXD8344AQ .....	4-3	TC74VHC238FS(EL) .....	4-10
1SS302 .....	4-2	2SA1611-M5M6 .....	4-3			TC7W04FU(TE12R) .....	4-10
1SS302-TE85L .....	4-2	2SA1611T1-M5M6 .....	4-3	E28F010-120 .....	4-4	TC7W08FU .....	4-10
		2SB624-BV5 .....	4-3			TC7W08FU(TE12R) .....	4-10
EA30QS04-F .....	4-2	2SB624-T1BV5 .....	4-3	HD6435328RE48F .....	4-4	TC7WU04F .....	4-10
EC10QS-04 .....	4-2	2SB798-DL .....	4-3	HD6435328RE49F .....	4-4	TC7WU04F-TE12L .....	4-10
EC10QS04-TE12L5 .....	4-2	2SC2873Y-TE12L .....	4-3	HN58C257T .....	4-6	TL062CPW .....	4-10
		2SC4177-L6 .....	4-3			TL062CPW-E05 .....	4-10
LA-301ML .....	4-2	2SC4177-T1L5L6 .....	4-3	KM681000BLT-7LT .....	4-6	TL1451ACNS .....	4-11
LB-202ML .....	4-2	2SD1623-S .....	4-3			TL1451ACNS-E05 .....	4-11
LB-203ML .....	4-2	2SD596DV345 .....	4-3	MAX232CPE .....	4-7	TL7705CPS-B .....	4-10
LD-010MW .....	4-2	2SD596T1-DV345 .....	4-3	MAX232CWE .....	4-7	TL7705CPS-B-E05 .....	4-10
LD-101YY .....	4-2			MAX232CWE-TE-2 .....	4-7	TMP82C265BF-2 .....	4-11
		DTA143XUA-T106 .....	4-3	MB88341PFV .....	4-7		
MD0708C-RG .....	4-2	DTC143XU .....	4-3	MB88341PFV-T3 .....	4-7	UPD4701AGT .....	4-12
		DTC143XUA-T106 .....	4-3	MC34063AM .....	4-7	UPD71051GB-10-3B4 ....	4-12
RD2.0UH-T1 .....	4-2			MC34063AML .....	4-7		
				MSM82C55A-2GS .....	4-8		
TLSG116 .....	4-2	<b>OTHERS</b>	<b>Page</b>	MSM82C55A-2GS-VK .....	4-8		
		PC410 .....	4-2				
				NJM2904M .....	4-7		
				NJM2904M-T2 .....	4-7		
						SN74HC00APW-E05 .....	4-8
						SN74HC00APW-E20 .....	4-8
						SN74HC02APW-E05 .....	4-8
						SN74HC04APW-E05 .....	4-8
						SN74HC04APW-E20 .....	4-8
						SN74HC08APW-E05 .....	4-8
						SN74HC138APW-E05 .....	4-9
						SN74HC14APW-E05 .....	4-9
						SN74HC14APW-E20 .....	4-9
						SN74HC163APW-E05 .....	4-9
						SN74HC32APW-E05 .....	4-9
						SN74HC541APW-E05 .....	4-9
						SN74HC573BPW-E05 .....	4-9
						SN74HC573BPW-E20 .....	4-9
						SN74HC74APW-E05 .....	4-10
						SN74HC86APW-E05 .....	4-10
						SN75158PS .....	4-10
						SN75158PS-E05 .....	4-10

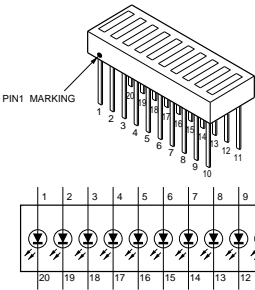
DIODE



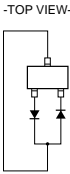
1SS300-TE85L



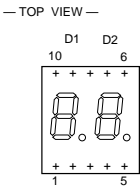
LA-301ML ;GREEN



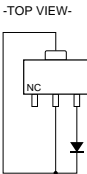
LD-010MW ;GREEN



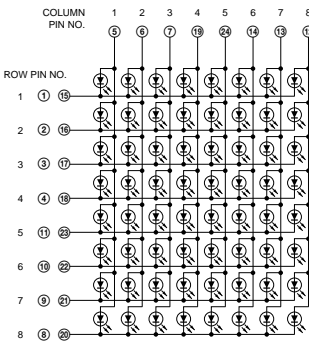
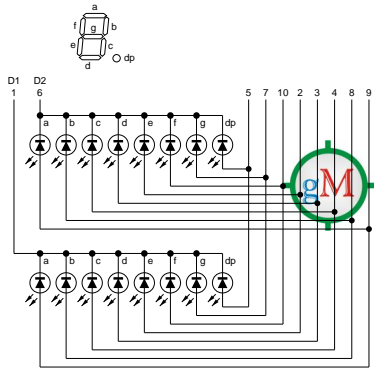
1SS302  
1SS302-TE85L



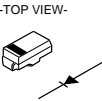
LB-202ML ;GREEN



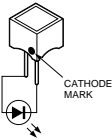
EA30QS04-F



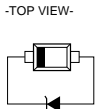
MD0708C-RG ;RED, GREEN



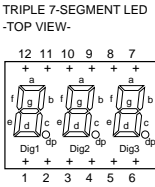
EC10QS-04  
EC10QS04-TE12L5



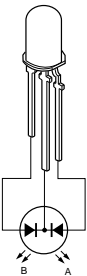
LD-101YY ;YELLOW



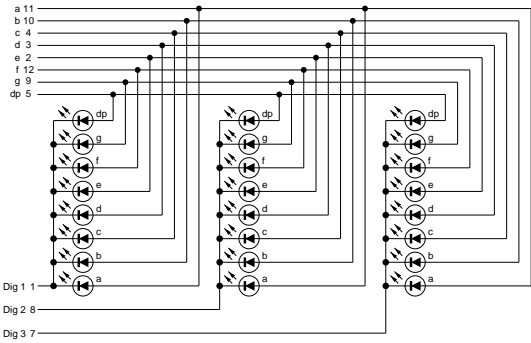
RD2.0UH-T1



LB-203ML ;GREEN  
TRIPLE 7-SEGMENT LED

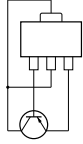


TLSG116 ;A=RED,B=GRN



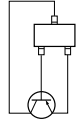
## TRANSISTOR

-TOP VIEW-



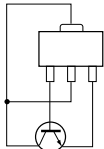
2SA1213Y-TE12L  
2SB798-DL

-TOP VIEW-



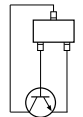
2SA1611-M5M6  
2SA1611T1-M5M6  
2SB624-BV5  
2SB624-T1BV5

-TOP VIEW-



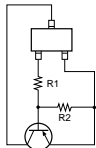
2SC2873Y-TE12L  
2SD1623-S

-TOP VIEW-



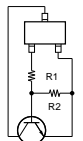
2SC4177-L6  
2SC4177-T1L5L6  
2SD596DV345  
2SD596T1-DV345

-TOP VIEW-



DTA143XUA-T106 (R1=4.7K,R2=10K)

-TOP VIEW-



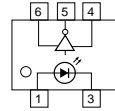
DTC143XU (R1=4.7K,R2=10K)  
DTC143XUA-T106

## OTHERS

PC410 (SHARP)FLAT PACKAGE

OPIC-OUTPUT PHOTO COUPLER

-TOP VIEW-

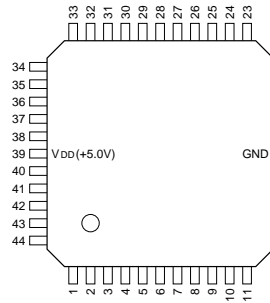


## IC

CXD8344AQ (SONY)

C-MOS PULSE GENERATOR

- TOP VIEW -



(VDD=+5.0V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	I01	12	I	I11	23	I	TEST	34	O	OT10
2	I	I02	13	I	I12	24	O	OT00	35	O	OT11
3	I	I03	14	I	I13	25	O	OT01	36	O	OT12
4	I	I04	15	I	I14	26	O	OT02	37	O	OT13
5	I	I05	16	I	I15	27	O	OT03	38	O	OT14
6	I	I06	17	-	GND	28	O	OT04	39	-	VDD
7	I	I07	18	I	A19	29	O	OT05	40	O	OT15
8	I	I08	19	I	I17	30	O	OT06	41	I	CLK
9	I	MODE	20	I	RST	31	O	OT07	42	O	OT16
10	I	I09	21	I	CKH	32	O	OT08	43	O	RAM
11	I	I10	22	I	TES2	33	O	OT09	44	O	ROM

INPUT

A19 : ADDRESS INPUT

CKH : FOR TEST

CLK : CLOCK

I01-I17 : INPUT

MODE : MODE SELECT (H:WINDOW GEN / L:CHIP SELECT LOGIC)

RST : RESET

TES2 : FOR TEST

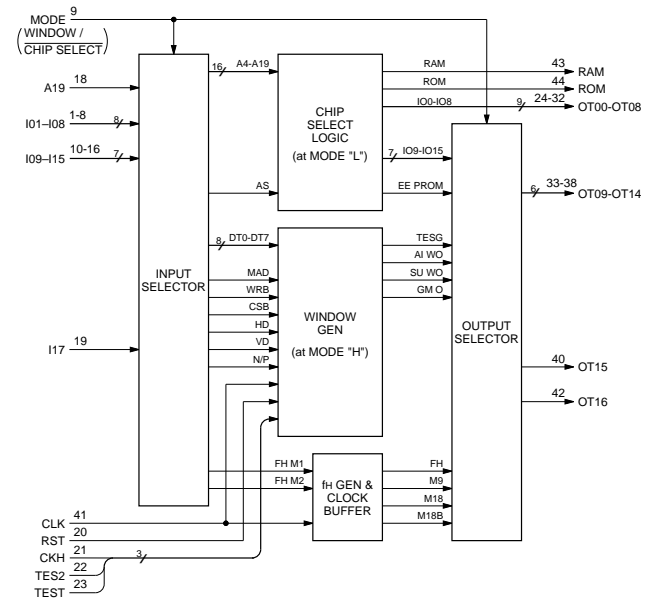
TEST : FOR TEST

OUTPUT

OT00-OT16 : OUTPUT

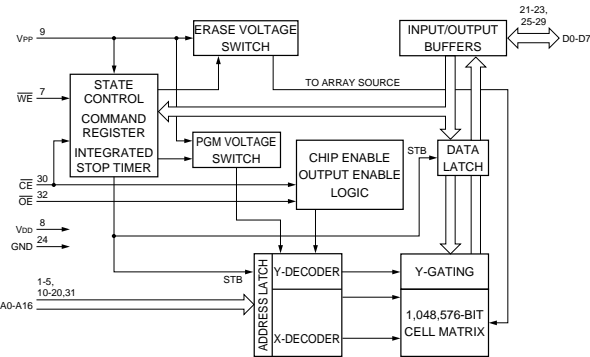
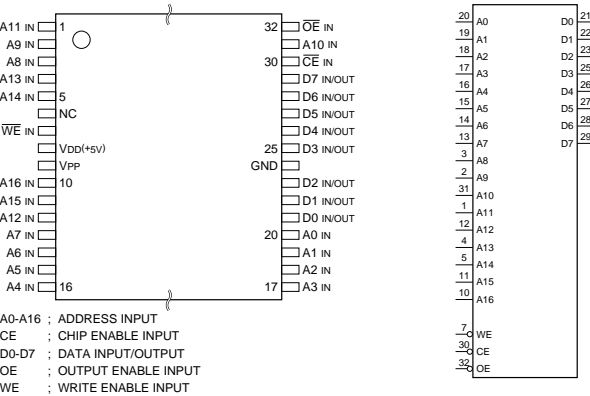
RAM : RAM OUT

ROM : ROM OUT



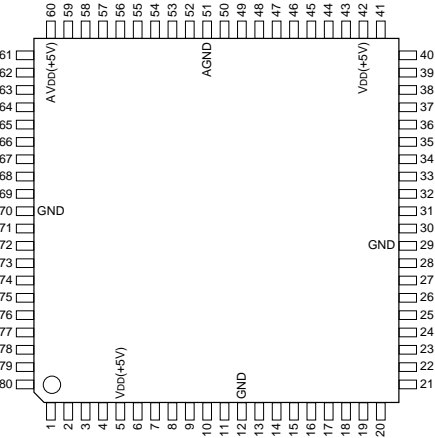
E28F010-120 (INTEL)FLAT PACKAGE

1M-BIT FLASH ROM  
-TOP VIEW-

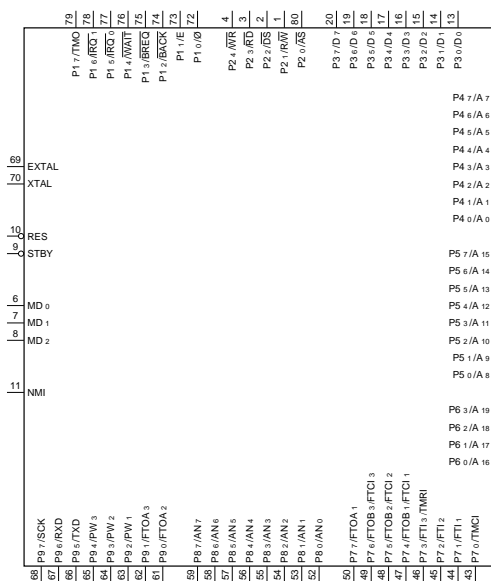


HD6435328RE48F (HITACHI)FLAT PACKAGE  
HD6435328RE49F (HITACHI)FLAT PACKAGE

C-MOS 8-BIT 1-CHIP MICRO COMPUTER  
-TOP VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	P2 1 /R/W	41	I/O	P6 3 /A 19
2	I/O	P2 2 /D/S	42	-	Vdd
3	I/O	P2 3 /R/D	43	I/O	P7 0 /TMCI
4	I/O	P2 4 /W/R	44	I/O	P7 1 /FTI 1
5	-	Vdd	45	I/O	P7 2 /FTI 2
6	I	MD 0	46	I/O	P7 3 /FTI 3 /TMRI
7	I	MD 1	47	I/O	P7 4 /FTOB 1 /FTCI 1
8	I	MD 2	48	I/O	P7 5 /FTOB 2 /FTCI 2
9	I	STBY	49	I/O	P7 6 /FTOB 3 /FTCI 3
10	I	RES	50	I/O	P7 7 /FTOA 1
11	I	NMI	51	-	AGND
12	-	GND	52	I	P8 0 /AN 0
13	I/O	P3 0 /D 0	53	I	P8 1 /AN 1
14	I/O	P3 1 /D 1	54	I	P8 2 /AN 2
15	I/O	P3 2 /D 2	55	I	P8 3 /AN 3
16	I/O	P3 3 /D 3	56	I	P8 4 /AN 4
17	I/O	P3 4 /D 4	57	I	P8 5 /AN 5
18	I/O	P3 5 /D 5	58	I	P8 6 /AN 6
19	I/O	P3 6 /D 6	59	I	P8 7 /AN 7
20	I/O	P3 7 /D 7	60	-	AVdd
21	I/O	P4 0 /A 0	61	I/O	P9 0 /FTOA 2
22	I/O	P4 1 /A 1	62	I/O	P9 1 /FTOA 3
23	I/O	P4 2 /A 2	63	I/O	P9 2 /PW 1
24	I/O	P4 3 /A 3	64	I/O	P9 3 /PW 2
25	I/O	P4 4 /A 4	65	I/O	P9 4 /PW 3
26	I/O	P4 5 /A 5	66	I/O	P9 5 /TXD
27	I/O	P4 6 /A 6	67	I/O	P9 6 /RXD
28	I/O	P4 7 /A 7	68	I/O	P9 7 /SCK
29	-	GND	69	I	EXTAL
30	I/O	P5 0 /A 8	70	I	XTAL
31	I/O	P5 1 /A 9	71	-	GND
32	I/O	P5 2 /A 10	72	I/O	P1 0 /Ø
33	I/O	P5 3 /A 11	73	I/O	P1 1 /E
34	I/O	P5 4 /A 12	74	I/O	P1 2 /BACK
35	I/O	P5 5 /A 13	75	I/O	P1 3 /BREQ
36	I/O	P5 6 /A 14	76	I/O	P1 4 /WAIT
37	I/O	P5 7 /A 15	77	I/O	P1 5 /IRQ 0
38	I/O	P6 0 /A 16	78	I/O	P1 6 /IRQ 1
39	I/O	P6 1 /A 17	79	I/O	P1 7 /TMO
40	I/O	P6 2 /A 18	80	I/O	P2 0 /A/S



# INPUT

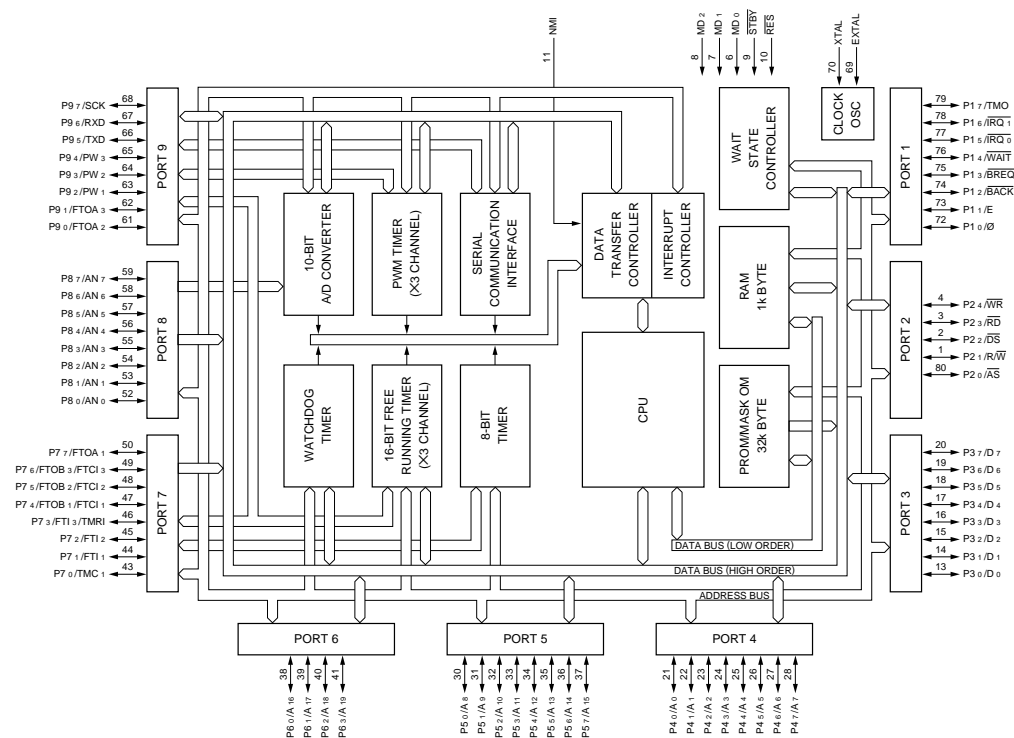
AN 0 – AN 7	: ANALOG DATA
BREQ	: BUS REQUEST
EXTAL	: CONNECTED TO CRYSTAL OSCILLATOR
FTCI 1 – FTCI 3	: FRT COUNTER CLOCK (CHANNEL 1 TO 3)
FTI 1 – FTI 3	: FRT INPUT CAPTURE (CHANNEL 1 TO 3)
IRQ 0 – IRQ 2	: INTERRUPTION REQUEST 0 AND 2
MD 0 – MD 2	: MODE SETTING
NMI	: NON MASKABLE INTERRUPTION
P8 0 – P8 7	: PORT 8
RES	: RESET
RXD	: RECEIVE DATA
STBY	: STANDBY
TMC1	: 8-BIT TIMER CLOCK
TMRI	: 8-BIT TIMER COUNTER RESET
WAIT	: WAIT
XTAL	: CONNECTED TO CRYSTAL OSCILLATOR

# OUTPUT

A 0 – A 19	: ADDRESS BUS
AS	: ADDRESS STROBE
BACK	: BUS REQUEST ACKNOWLEDGE
DS	: DATA STROBE
E	: ENABLE CLOCK
FTOA 1 – FTOA 3	: FTR OUTPUT COMPARE A (CHANNEL 1 TO 3)
FTOB 1 – FTOB 3	: FTR OUTPUT COMPARE B (CHANNEL 1 TO 3)
PW 1 – PW 3	: PWM TIMER (CHANNEL 1 TO 3)
R/W	: READ/WRITE
RD	: READ
TMO	: 8-BIT TIMER
TXD	: SEND DATA
WR	: WRITE
Ø	: SYSTEM CLOCK

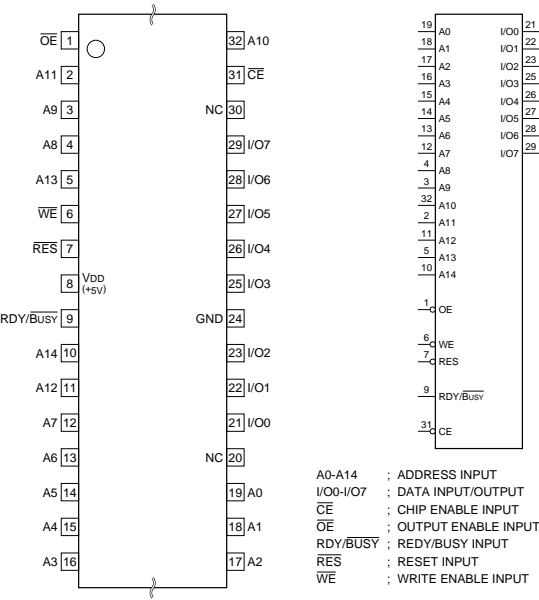
# INPUT/OUTPUT

D 0 – D 7	: DATA BUS
P1 0 – P1 7	: PORT 1
P2 0 – P2 4	: PORT 2
P3 0 – P3 7	: PORT 3
P4 0 – P4 7	: PORT 4
P5 0 – P5 7	: PORT 5
P6 0 – P6 3	: PORT 6
P7 0 – P7 7	: PORT 7
P9 0 – P9 7	: PORT 9
SCK	: SERIAL CLOCK



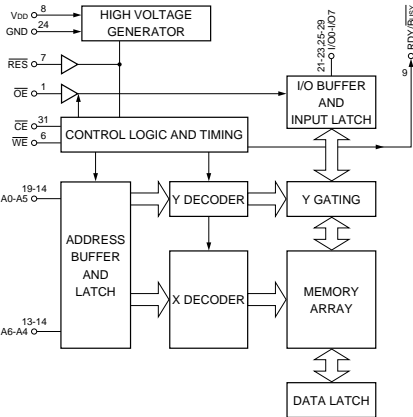
HN58C257T (HITACHI)FLAT PACKAGE

32K(32768×8)-BIT EEPROM  
- TOP VIEW -



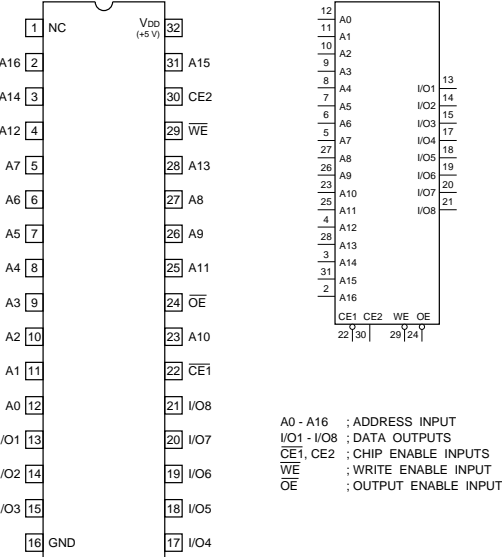
MODE	PIN		CE	OE	WE	RDY/BUSY	RES	I/O
READ	0	0	1	HIGH Z	1	Dout		
STANDBY	1	X	X	HIGH Z	X	HIGH Z		
WRITE	0	1	0	HIGH Z → Vol	1	Din		
DESELECT	0	1	1	HIGH Z	1	HIGH Z		
WRITE INHIBIT	X	X	1	HIGH Z	X	-		
WRITE INHIBIT	X	0	X	HIGH Z	X	-		
DATA POLLING	0	0	1	Vol	1	DATA OUT		
PROGRAM RESET	X	X	X	HIGH Z	0	HIGH Z		

0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DONT CARE  
HI-Z : HIGH IMPEDANCE



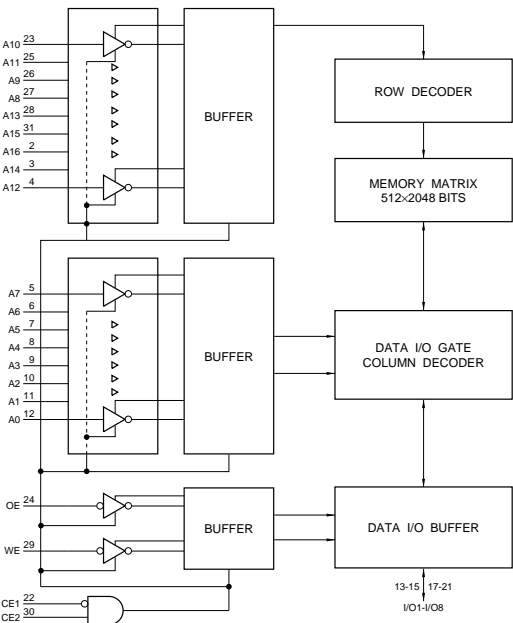
KM681000BLT-7LT (SAMSUNG)FLAT PACKAGE

C-MOS 1M (131,072×8)-BIT STATIC RAM  
- TOP VIEW -



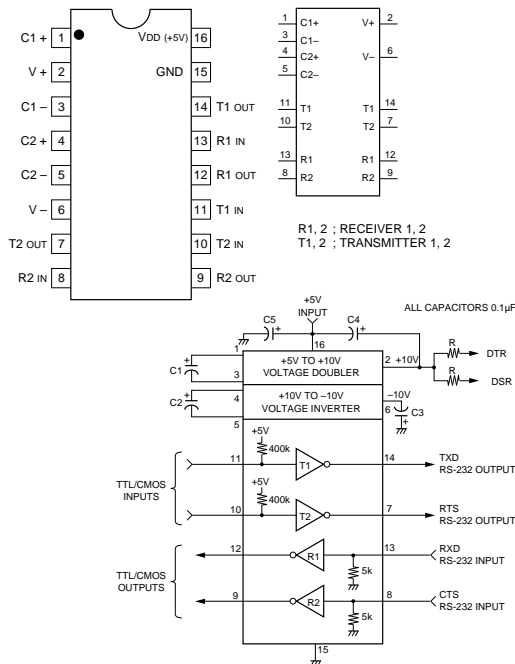
CE1	CE2	OE	WE	MODE	I/O TERMINAL
1	X	X	X	NOT SELECT	HI-Z
X	0	X	X	NOT SELECT	HI-Z
0	1	1	1	OUTPUT DISABLE	HI-Z
0	1	0	1	READ	DATA OUTPUT
0	1	X	0	WRITE	DATA INPUT

0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DONT CARE  
HI-Z : HIGH IMPEDANCE



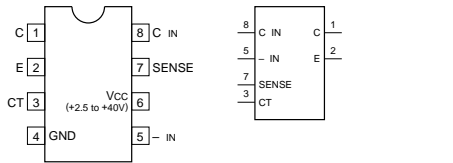
**MAX232CPE**  
**MAX232CWE (MAXIM)**  
**MAX232CWE-TE-2**

**C-MOS RS-232 TRANSMITTER/RECEIVER**  
 -TOP VIEW-



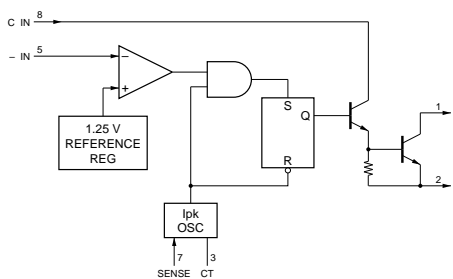
**MC34063AM (MOTOROLA) FLAT PACKAGE**  
**MC34063AML**

**DC-DC CONVERTER CONTROLLER**  
 -TOP VIEW-



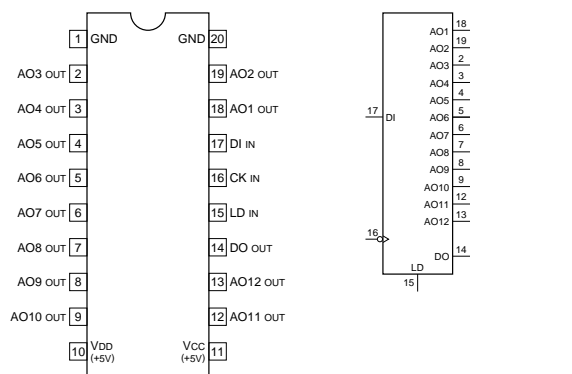
**INPUT**  
 C IN : DRIVE COLLECTOR  
 CT : TIMING CAPACITOR  
 - IN : COMPARATOR INVERTING  
 SENSE : I PEAK SENSE

**OUTPUT**  
 C : SWITCH COLLECTOR  
 E : SWITCH EMITTER

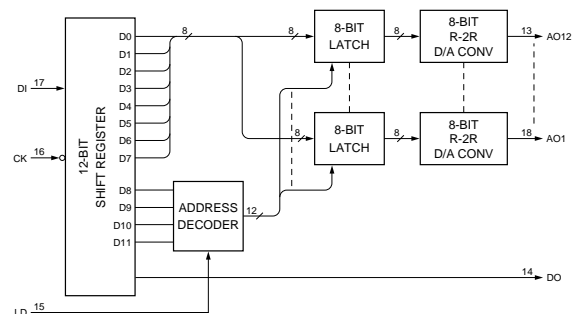


**MB88341PFV (FUJITSU) FLAT PACKAGE**  
**MB88341PFV-T3**

**C-MOS 8-BIT D/A CONVERTER**  
 -TOP VIEW-

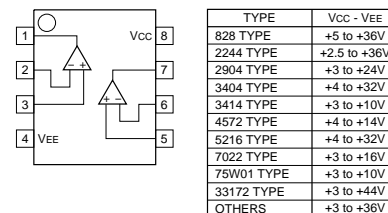


AO1-AO12 : 8-BIT D/A OUTPUTS  
 CK : CLOCK INPUT  
 DI : SERIAL DATA INPUT  
 DO : DATA OUTPUT  
 LD : DATA LOAD CONTROL INPUT (H : LOAD)



**NJM2904M (JRC) FLAT PACKAGE**  
**NJM2904M-T2**

**DUAL OPERATIONAL AMPLIFIERS**  
 (SINGLE-SUPPLY TYPE)  
 -TOP VIEW-

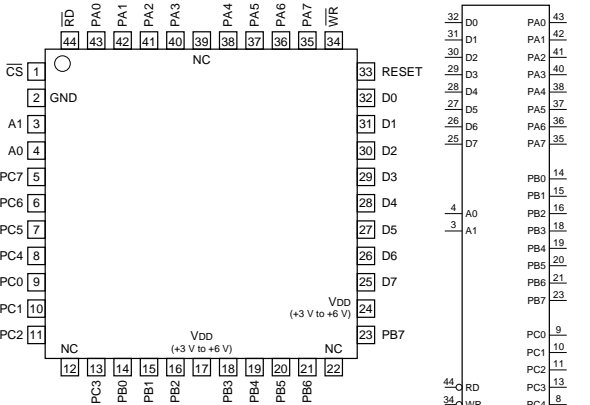


TYPE	VCC - VEE
828 TYPE	+5 to +36V
2244 TYPE	+2.5 to +36V
2904 TYPE	+3 to +24V
3404 TYPE	+4 to +32V
3414 TYPE	+3 to +10V
4572 TYPE	+4 to +14V
5216 TYPE	+4 to +32V
7022 TYPE	+3 to +16V
75W01 TYPE	+3 to +10V
33172 TYPE	+3 to +44V
OTHERS	+3 to +36V

MSM82C55A-2GS  
MSM82C55A-2GS-VK (OKI)FLAT PACKAGE

C-MOS PROGRAMMABLE PERIPHERAL INTERFACE

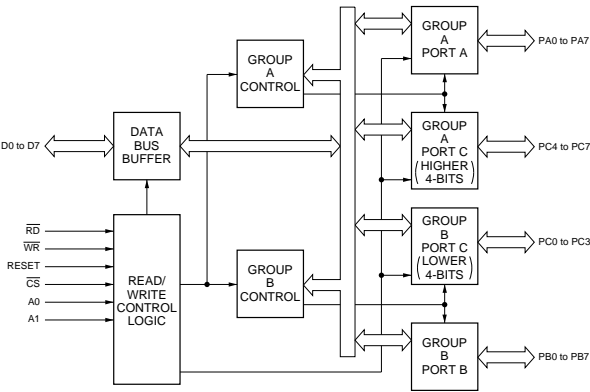
— TOP VIEW —



A1	A0	CS	WR	RD	OPERATION
0	0	0	1	0	PORT A → DATA BUS
0	1	0	1	0	PORT B → DATA BUS
1	0	0	1	0	PORT C → DATA BUS
1	1	0	1	0	NO OPERATION
0	0	0	0	1	DATA BUS → PORT A
0	1	0	0	1	DATA BUS → PORT B
1	0	0	0	1	DATA BUS → PORT C
1	1	0	0	1	DATA BUS → CONTROL REGISTER
X	X	1	X	X	HIGH IMPEDANCE

0 ; LOW LEVEL  
1 ; HIGH LEVEL  
X ; DONT CARE

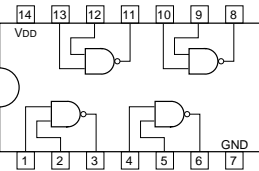
A0, A1 : PORT SELECT ADDRESS  
CS : CHIP SELECT  
D0 to 7 : DATA BUS  
PA0 to 7 : PORT A IN/OUT  
PB0 to 7 : PORT B IN/OUT  
PC0 to 7 : PORT C IN/OUT  
RD : READ  
WR : WRITE



SN74HC00APW-E05  
SN74HC00APW-E20 (TI)FLAT PACKAGE

C-MOS QUAD 2-INPUT NAND GATES

-TOP VIEW-



$$Y = \overline{A \cdot B} = \overline{A} + \overline{B}$$

A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0 ; LOW LEVEL  
1 ; HIGH LEVEL

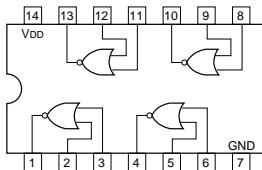
NOTE:

TYPE	VDD
74AC/74VHC	+2 to +5.5V
74ACT/74HCT/74VHCT	+4.5 to +5.5V
LCX	+2 to +3.6V
OTHER TYPES	+2 to +6V

SN74HC02APW-E05 (TI)

C-MOS QUAD 2-INPUT NOR GATES

-TOP VIEW-



$$Y = \overline{A + B} = \overline{A} \cdot \overline{B}$$

A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 ; LOW LEVEL  
1 ; HIGH LEVEL

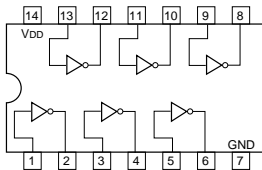
NOTE:

TYPE	VDD
74HC	+2 to +6V
74AC/74VHC	+2 to +5.5V
74HCT/74ACT	+4.5 to +5.5V
74LCX	+2 to +3.6V

SN74HC04APW-E05  
SN74HC04APW-E20 (TI)FLAT PACKAGE

C-MOS HEX INVERTERS

-TOP VIEW-



$$Y = \overline{A}$$

A	Y
0	1
1	0

0 ; LOW LEVEL  
1 ; HIGH LEVEL

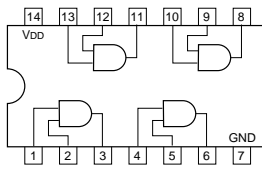
NOTE:

TYPE	VDD
74AC/74VHC/74VHCT	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
OTHER TYPE	+2 to +6V

SN74HC08APW-E05 (TI)FLAT PACKAGE

C-MOS QUAD 2-INPUT AND GATE

- TOP VIEW -



$$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$$

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

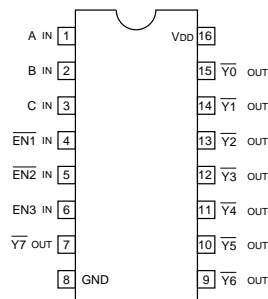
0 ; LOW LEVEL  
1 ; HIGH LEVEL

NOTE :

TYPE	VDD
AC	+2 to +5.5V
TC40H	+2 to +8V
ACT/HCT	+5V
OTHER TYPES	+2 to +6V

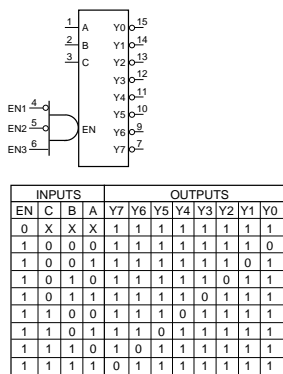


## SN74HC138APW-E05 (TI) FLAT PACKAGE

C-MOS 3-TO-8 LINE DECODER / DEMULTIPLEXER  
—TOP VIEW—

NOTE:

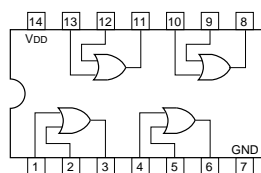
TYPE	V <sub>DD</sub>
74HCT138 TYPE	+5V
74ACT138 TYPE	+4.5 to +5.5V
TC74AC138 TYPE	+2 to +5.5V
TC74VHC138	+2 to +6V
OTHER TYPES	+2 to +6V



EN = EN1 • EN2 • EN3

0; LOW LEVEL  
1; HIGH LEVEL  
X; DON'T CARE

## SN74HC32APW-E05 (TI) FLAT PACKAGE

C-MOS QUAD 2-INPUT OR GATES  
—TOP VIEW—

NOTE:

TYPE	V <sub>DD</sub>
74AC/74VHC	+2 to +5.5V
74HC	+2 to +6V
74HCT	+4.5 to +5.5V

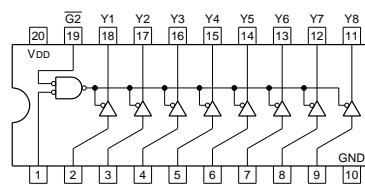
$$A \text{ OR } B = Y = A + B$$

$$Y = A + B = \overline{A \cdot B}$$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

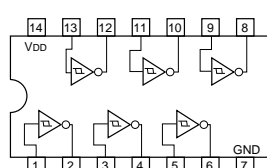
0; LOW LEVEL  
1; HIGH LEVEL

## SN74HC541APW-E05 (TI) FLAT PACKAGE

C-MOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS  
—TOP VIEW—

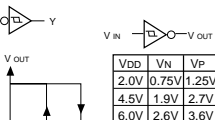
$$A \text{ AND } B = Y = A \cdot B$$

G1	G2	A	Y
0	0	0	1
0	0	1	0
1	X	X	Hi-Z
X	1	X	Hi-Z

0; LOW LEVEL  
1; HIGH LEVEL  
X; DON'T CARE  
Hi-Z; HIGH IMPEDANCESN74HC14APW-E05  
SN74HC14APW-E20 (TI) FLAT PACKAGEC-MOS HEX SCHMITT TRIGGER INVERTERS  
—TOP VIEW—

$$A \text{ INVERTED} = Y = \overline{A}$$

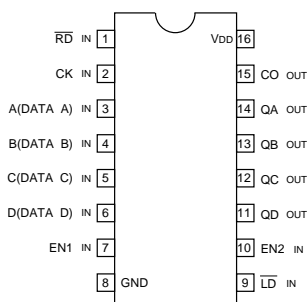
A	Y
0	1
1	0

0; LOW LEVEL  
1; HIGH LEVEL

NOTE:

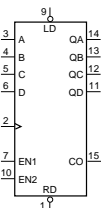
TYPE	V <sub>DD</sub>
TC74AC/VHC	+2V to +5.5V
OTHER TYPES	+2V to +6V

## SN74HC163APW-E05 (TI) FLAT PACKAGE

C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER  
—TOP VIEW—

NOTE:

TYPE	V <sub>DD</sub>
HC	+2 to +6V
AC/VHC	+2 to +5.5V
HCT/ACT/FCT	+5V



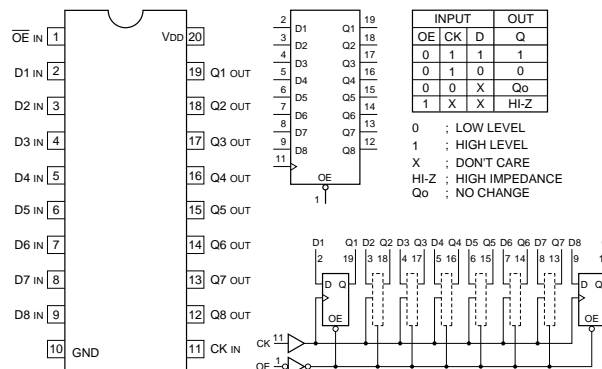
MODE SELECTION				
CONTROL INPUTS				MODE
RD	LD	EN1	EN2	
0	X	X	X	RESET (SYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

CARRY OUTPUT "CO"



CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

COUNT SEQUENCE				
COUNT	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

SN74HC573BPW-E05  
SN74HC573BPW-E20 (TI) FLAT PACKAGEC-MOS 3-STATE OUTPUTS OCTAL LATCH  
—TOP VIEW—

NOTE:

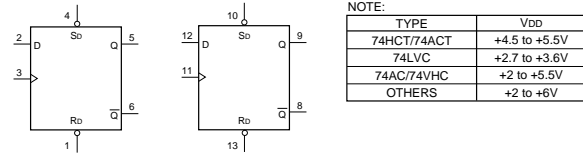
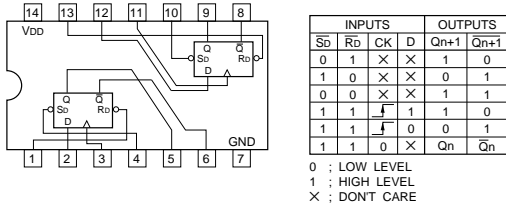
TYPE	V <sub>DD</sub>
74HC	+2 to +6V
74ABT	+5V
74ACT	+5V
74HCT/74VHCT	+2 to +5.5V
74AC/74VHC	+2 to +5.5V

INPUT				OUT
OE	CK	D	Q	
0	1	1	1	1
0	1	0	0	0
0	0	X	Q <sub>0</sub>	
1	X	X	Hi-Z	

0; LOW LEVEL  
1; HIGH LEVEL  
X; DON'T CARE  
Hi-Z; HIGH IMPEDANCE  
Q<sub>0</sub>; NO CHANGE

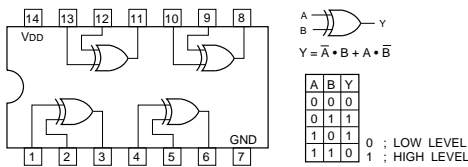
### SN74HC74APW-E05 (TI)FLAT PACKAGE

C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET  
-TOP VIEW-



### SN74HC86APW-E05 (TI)FLAT PACKAGE

C-MOS QUAD EXCLUSIVE OR GATES  
-TOP VIEW-

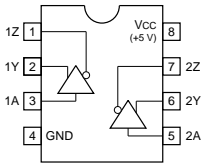


NOTE :

TYPE	VDD
74AC/74VHC	+2V to +5.5V
74ACT/74HCT	+4.5 to +5.5V
OTHER TYPES	+2V to +6V

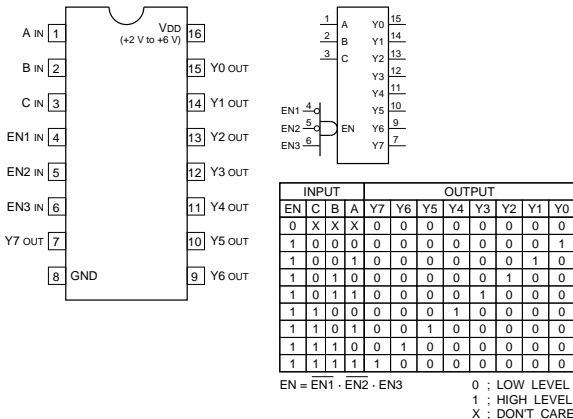
### SN75158PS (TI) SN75158PS-E05

DUAL DIFFERENTIAL LINE DRIVE  
-TOP VIEW-



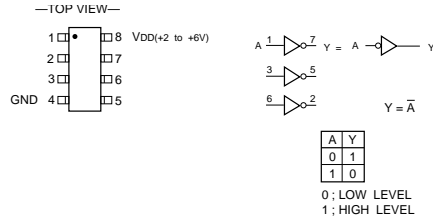
### TC74VHC238FS(EL) (TOSHIBA)FLAT PACKAGE

C-MOS 3-TO-8 LINE DECODER/DEMULTIPLEXER  
-TOP VIEW-



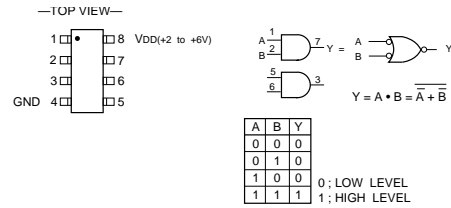
### TC7W04FU(TE12R) (TOSHIBA)FLAT PACKAGE TC7WU04F (TOSHIBA)CHIP PACKAGE TC7WU04F-TE12L

C-MOS HEX INVERTERS



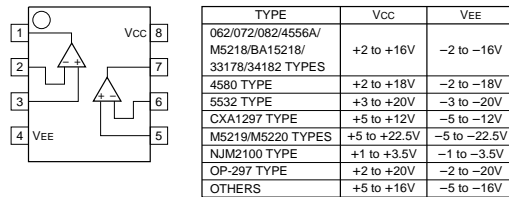
### TC7W08FU (TOSHIBA)CHIP PACKAGE TC7W08FU(TE12R)

C-MOS 2-INPUT AND GATE



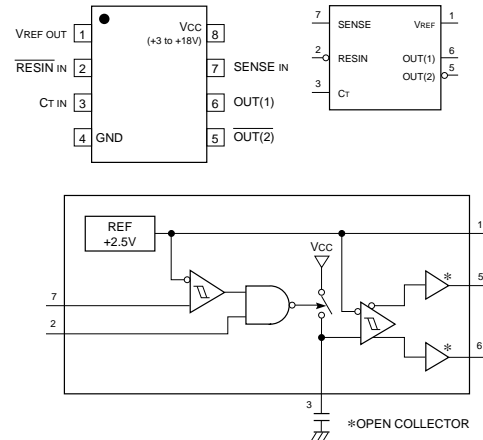
### TL062CPW (TI)FLAT PACKAGE TL062CPW-E05

DUAL OPERATIONAL AMPLIFIERS  
(DUAL-SUPPLY TYPE)  
-TOP VIEW-



### TL7705CPS-B (TI)FLAT PACKAGE TL7705CPS-B-E05

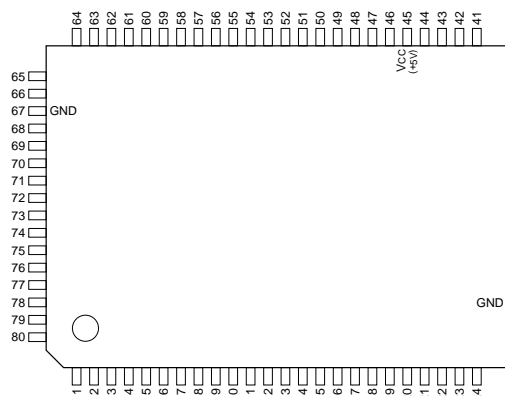
POWER VOLTAGE SUPERVISOR  
-TOP VIEW-



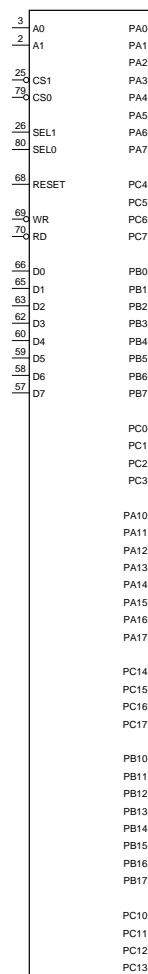
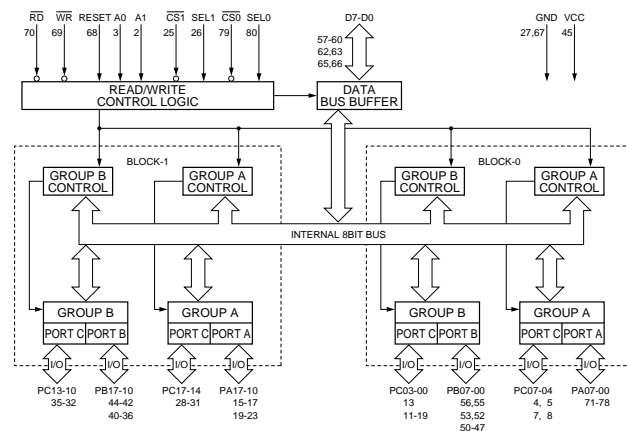
# TMP82C265BF-2 (5MHz)(TOSHIBA)FLAT PACKAGE

## C-MOS PROGRAMMABLE PERIPHERAL INTERFACE

-TOP VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	-	NC	21	I/O	PA12	41	-	NC	61	-	NC
2	I	A1	22	I/O	PA11	42	I/O	PB15	62	I/O	D3
3	I	A0	23	I/O	PA10	43	I/O	PB16	63	I/O	D2
4	I/O	PC07	24	-	NC	44	I/O	PB17	64	-	NC
5	I/O	PC06	25	I	CS1	45	-	Vcc	65	I/O	D1
6	-	NC	26	I	SEL1	46	-	NC	66	I/O	D0
7	I/O	PC05	27	-	GND	47	I/O	PB00	67	-	GND
8	I/O	PC04	28	I/O	PC17	48	I/O	PB01	68	I	RESET
9	I/O	PC00	29	I/O	PC16	49	I/O	PB02	69	I	WR
10	I/O	PC01	30	I/O	PC15	50	I/O	PB03	70	I	RD
11	I/O	PC02	31	I/O	PC14	51	-	NC	71	I/O	PA7
12	-	NC	32	I/O	PC10	52	I/O	PB04	72	I/O	PA6
13	I/O	PC03	33	I/O	PC11	53	I/O	PB05	73	I/O	PA5
14	-	NC	34	I/O	PC12	54	-	NC	74	I/O	PA4
15	I/O	PA17	35	I/O	PC13	55	I/O	PB06	75	I/O	PA3
16	I/O	PA16	36	I/O	PB10	56	I/O	PB07	76	I/O	PA2
17	I/O	PA15	37	I/O	PB11	57	I/O	D7	77	I/O	PA1
18	-	NC	38	I/O	PB12	58	I/O	D6	78	I/O	PA0
19	I/O	PA14	39	I/O	PB13	59	I/O	D5	79	I	CS0
20	I/O	PA13	40	I/O	PB14	60	I/O	D4	80	I	SEL0



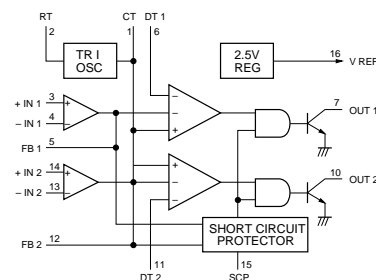
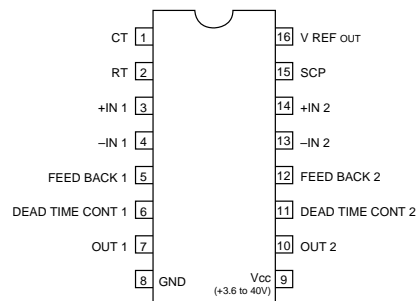
**INPUT**  
A0-A1 : ADDRESS LINE  
CS0-CS1 : CHIP SELECT  
RD : READ CONTROL  
R/W : READ/WRITE CONTROL  
RESET : RESET  
SEL : GENERAL MODE/OUTPUT MODE  
SELECT CONTROL  
WR : WRITE CONTROL

**INPUT/OUTPUT**  
D0-D7 : DATA BUS  
PA0-PA17 : INPUT/OUTPUT PORT A  
PB0-PB17 : INPUT/OUTPUT PORT B  
PC0-PC17 : INPUT/OUTPUT PORT C

## TL1451ACNS (TI)FLAT PACKAGE TL1451ACNS-E05

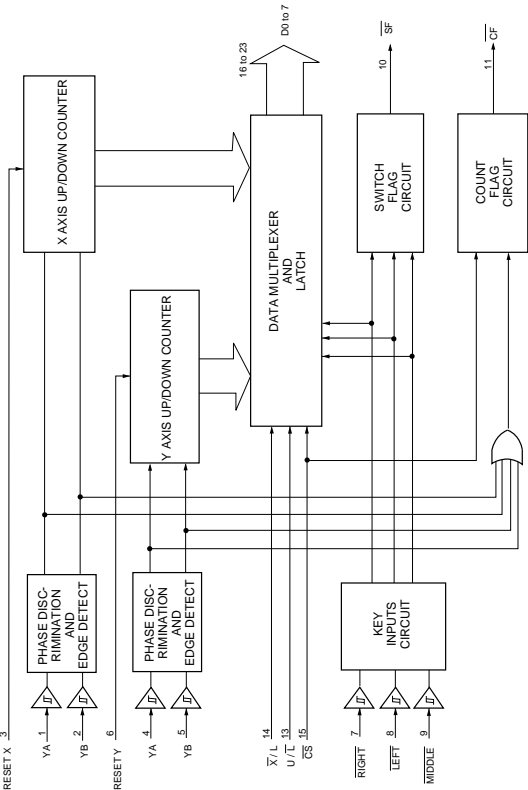
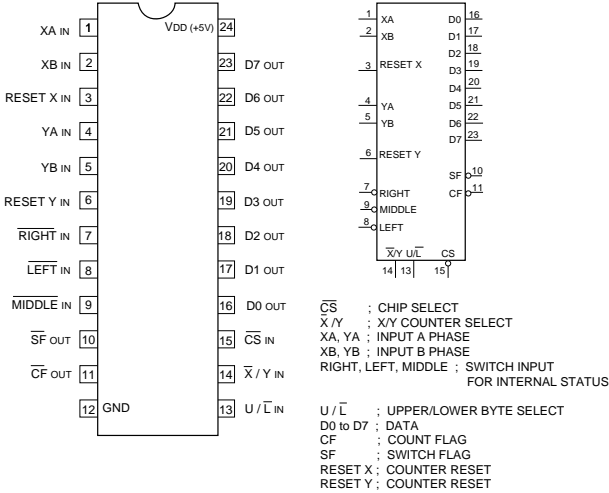
### DUAL PWM POWER CONTROLLER

-TOP VIEW-



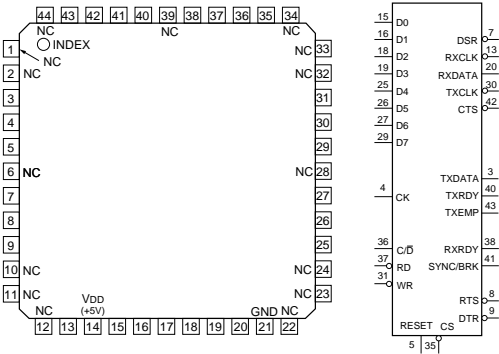
UPD4701AGT (NEC)FLAT PACKAGE

C-MOS INCREMENTAL ROTARY ENCODER  
—TOP VIEW—



UPD71051GB-10-3B4 (NEC)FLAT PACKAGE

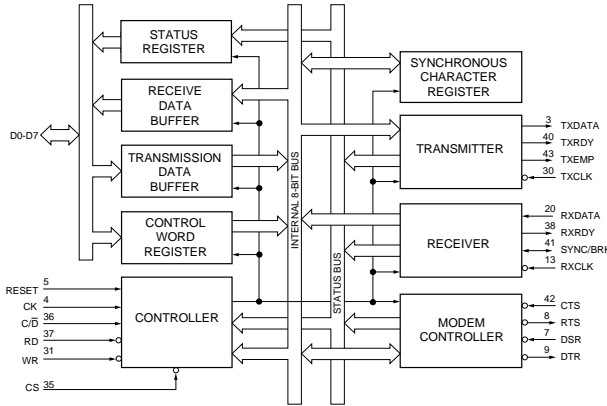
C-MOS SERIAL CONTROLLER  
-TOP VIEW-



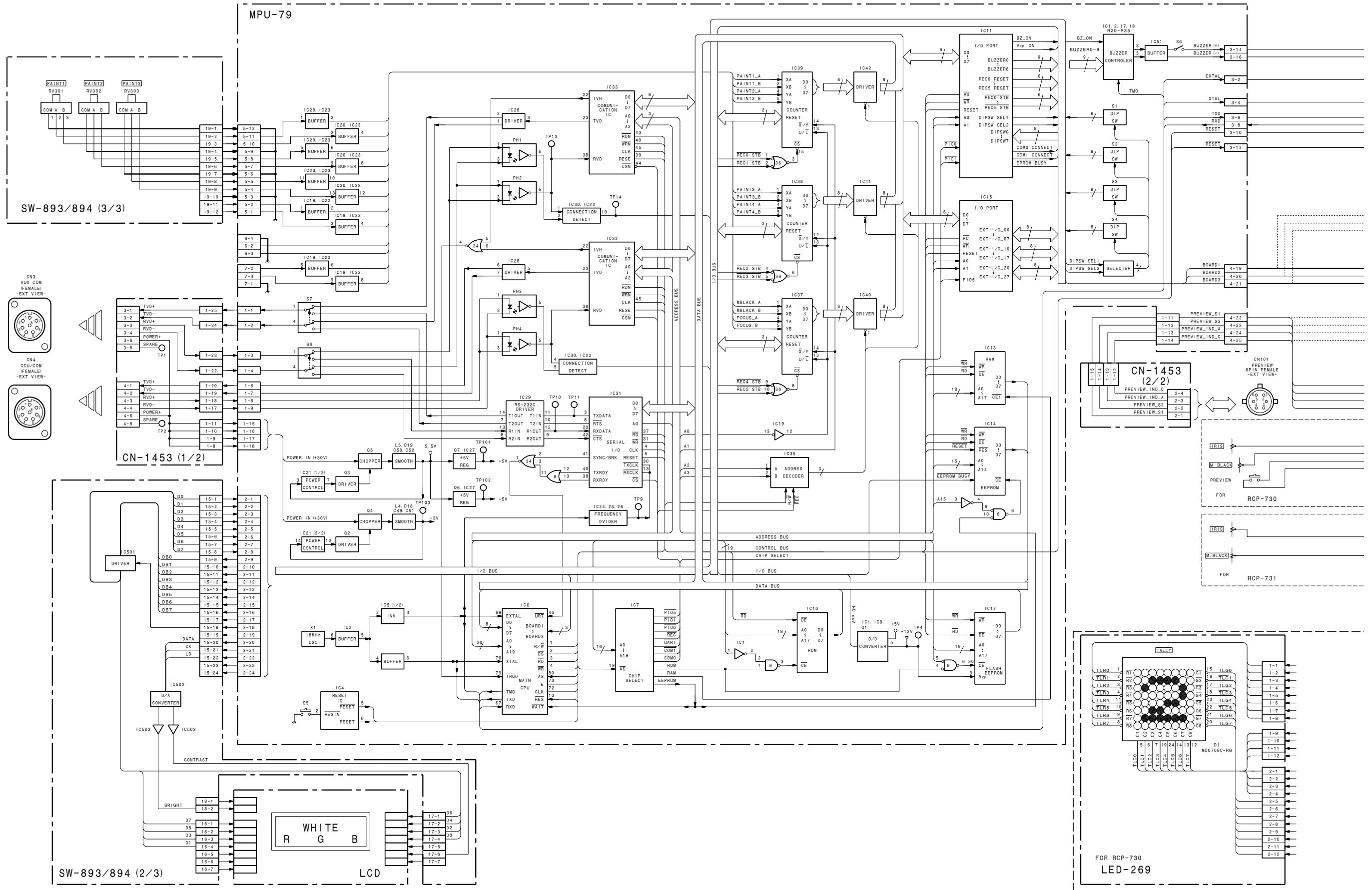
PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL
1	—	NC	12	—	NC	23	—	NC	34	—	NC
2	—	NC	13	I	RXCLK	24	—	NC	35	I	CS
3	O	TXDATA	14	—	VDD(+5V)	25	I/O	D4	36	I	C/D
4	I	CK	15	I/O	D0	26	I/O	D5	37	I	RD
5	I	RESET	16	I/O	D1	27	I/O	D6	38	O	RXRDY
6	—	NC	17	—	IC	28	—	NC	39	—	NC
7	I	DSR	18	I/O	D2	29	I/O	D7	40	O	TXRDY
8	O	RTS	19	I/O	D3	30	I	TXCLK	41	I/O	SYNC/BRK
9	O	DTR	20	I	RXDATA	31	I	WR	42	I	CTS
10	—	NC	21	—	GND	32	—	NC	43	O	TXEMP
11	—	NC	22	—	NC	33	—	NC	44	—	NC

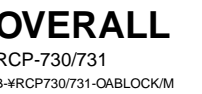
CK : CLOCK INPUT  
CS : CHIP SELECT INPUT  
CTS : CLEAR TO SEND OUTPUT  
C/D : CONTROL/DATA SELECT INPUT  
D0-D7 : DATA INPUTS/OUTPUTS  
DSR : DATA SET READY INPUT  
DTR : DATA TERMINAL READY OUTPUT  
TXCLK : TRANSMITTER CLOCK INPUT  
TXDATA : TRANSMIT DATA OUTPUT  
TXEMP : TRANSMITTER EMPTY OUTPUT

TXRDY : TRANSMIT READY OUTPUT  
RD : READ STROBE INPUT  
RESET : RESET INPUT  
RTS : REQUEST TO SEND OUTPUT  
RXCLK : RECEIVER CLOCK INPUT  
RXDATA : RECEIVE DATA INPUT  
RXRDY : RECEIVER READY OUTPUT  
SYNC/BRK : SYNCHRONIZATION/BREAK INPUT/OUTPUT  
WR : WRITE STROBE INPUT



**Section 5**  
**Block Diagram**



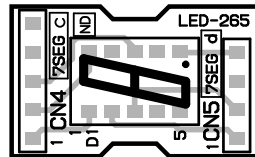






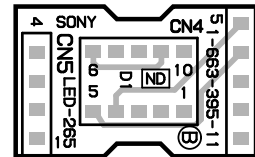
Section 6

Board Layouts

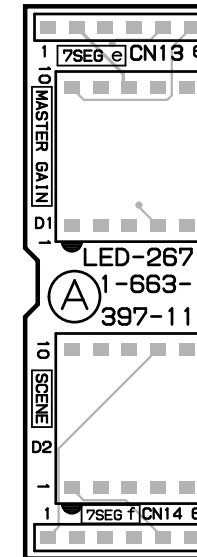


RCP-730/731 (SY)

**LE-265** -A SIDE-  
1-663-395-11

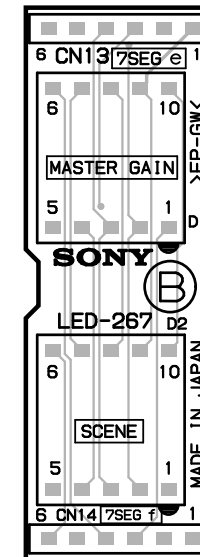


**LE-265** -B SIDE-  
1-663-395-11

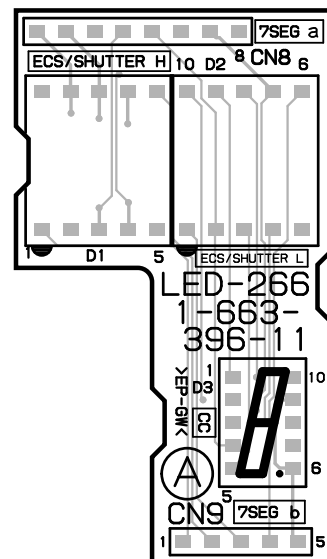


RCP-730/731 (SY)

**LE-267** -A SIDE-  
1-663-397-11

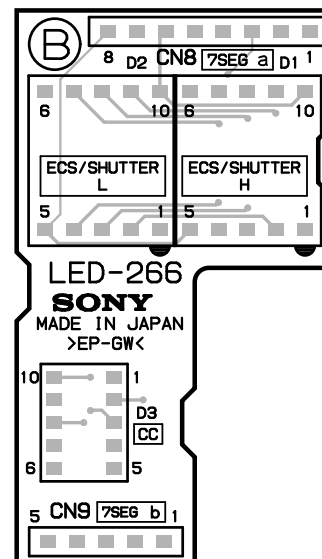


**LE-267** -B SIDE-  
1-663-397-11

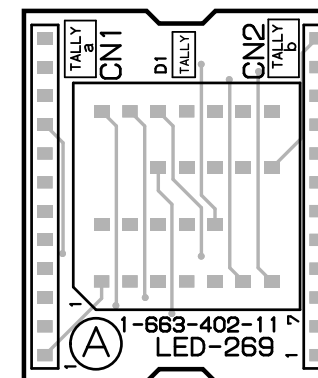


RCP-730/731 (SY)

**LE-266** -A SIDE-  
1-663-396-11

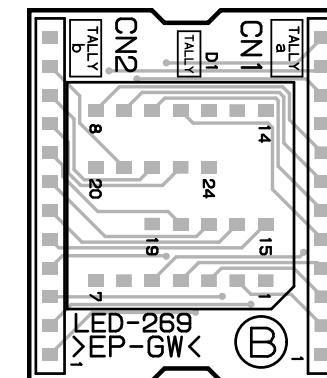


**LE-266** -B SIDE-  
1-663-396-11

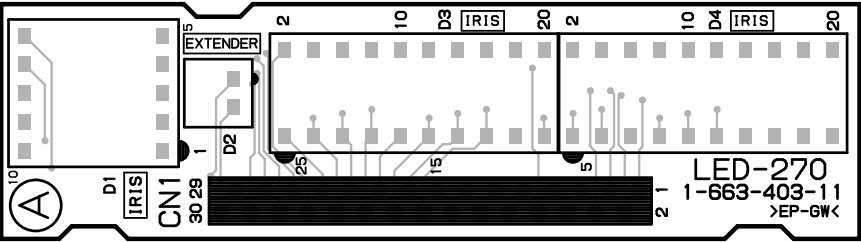


RCP-730 (SY)

**LE-269** -A SIDE-  
1-663-402-11

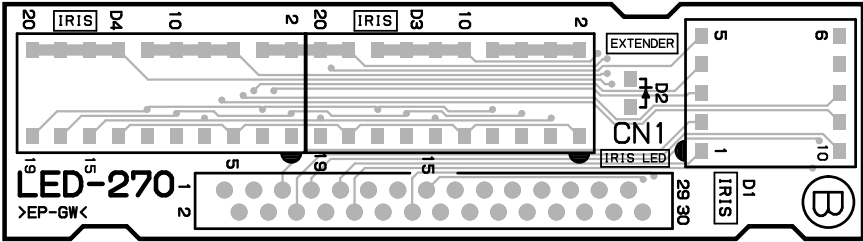


**LE-269** -B SIDE-  
1-663-402-11

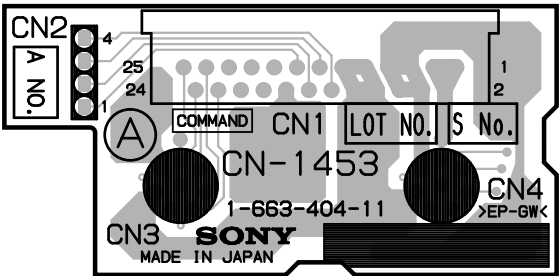


RCP-730 (SY)

LE-270 -A SIDE-  
1-663-403-11

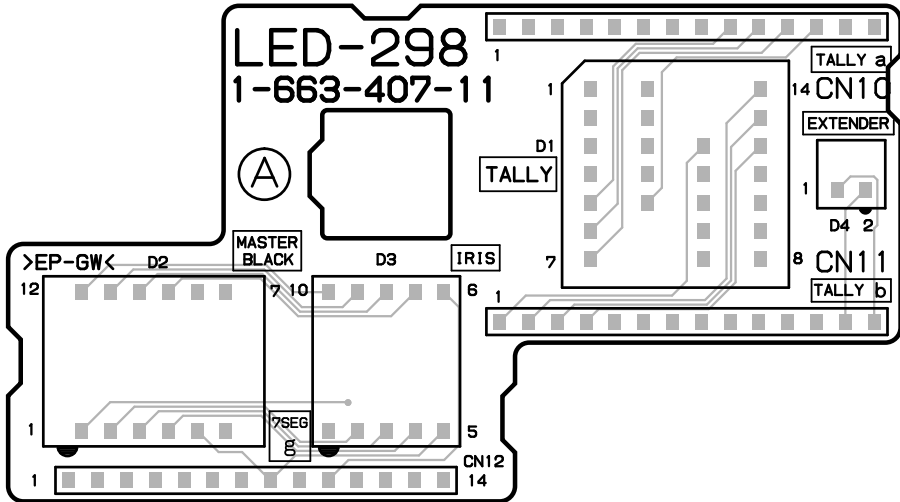


LE-270 -B SIDE-  
1-663-403-11



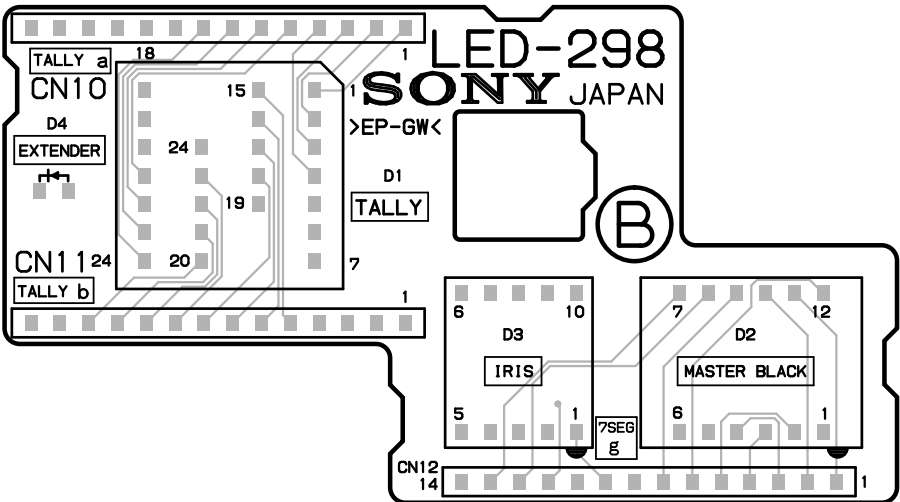
RCP-730/731 (SY)

CN-1453 -A SIDE-  
1-663-404-11

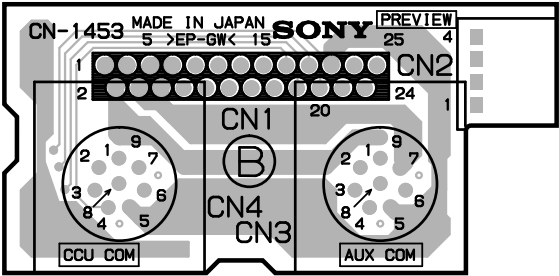


RCP-731 (SY)

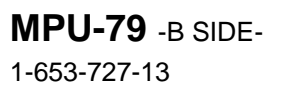
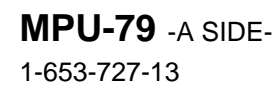
LE-298 -A SIDE-  
1-663-407-11



LE-298 -B SIDE-  
1-663-407-11

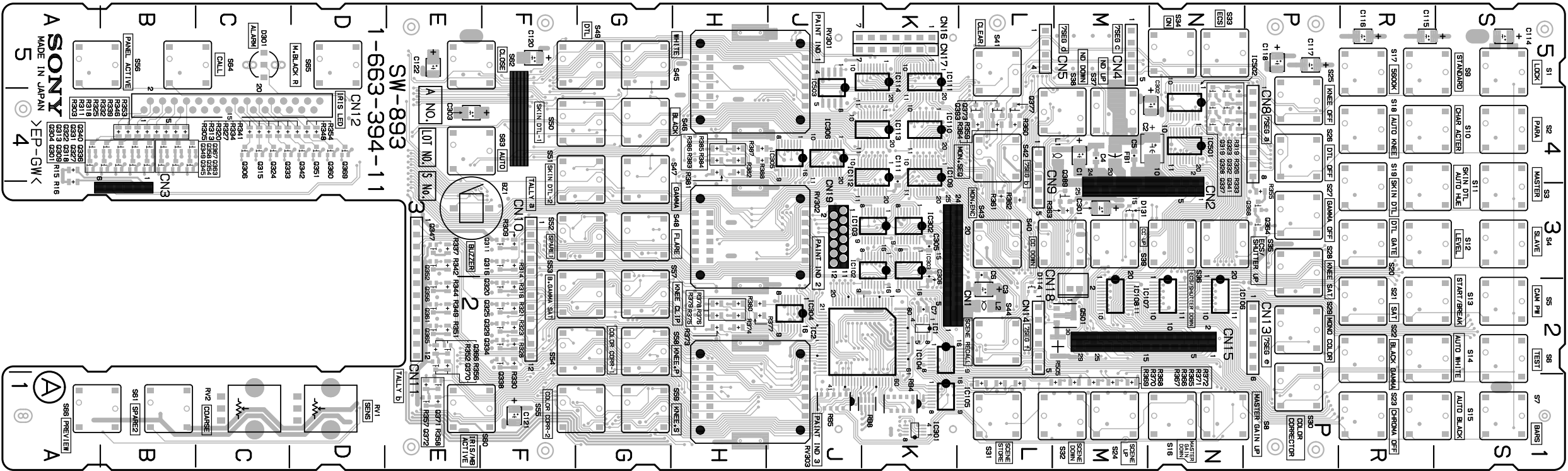


CN-1453 -B SIDE-  
1-663-404-11

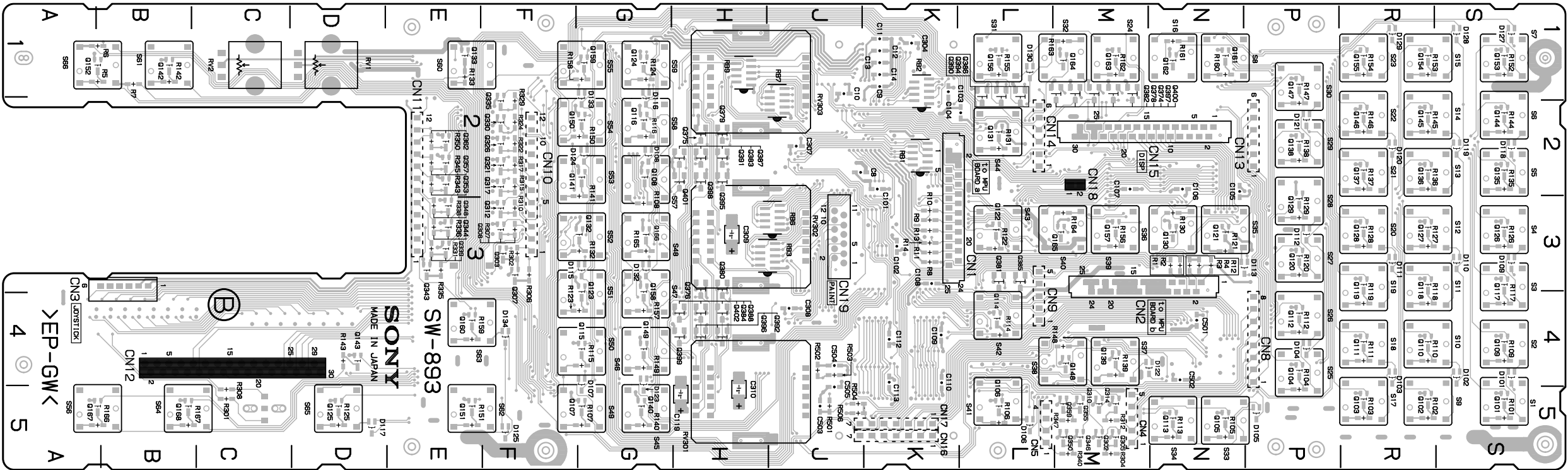


R79	*E3	TP9	E
R80	*F3	TP10	E
R81	*E3	TP11	D
R82	*E2	TP12	E
R83	*E3	TP13	E
R84	*E3	TP14	C
R85	*F3	TP15	E
R86	*F3	TP16	D
R87	C1	TP17	D
R88	D1	TP101	D
R89	*D3	TP102	D
R90	*D3	TP103	E
R91	*C3		
R92	*C1	X1	C
R93	*A1		
R94	*B1	*:B	SIDE
R95	E4		
S1	A3		
S2	A3		
S3	A4		
S4	A4		
S5	D2		
S6	A1		
S7	E3		
S8	F3		
TP1	C3		
TP2	D5		
TP3	D4		
TP4	A5		
TP5	D2		
TP6	A1		
TP7	C1		
TP8	B1		

SW-893(1-663-394-11)											
BZ1	E3	D125	*F5	Q157	*M3	Q385	*L3	R162	*M1	R503	*J4
		D127	*S1	Q158	*G4	Q386	*L1	R163	*M1	R504	*J5
C1	M4	D128	*S1	Q159	*G1	Q387	*H2	R164	*M3	R505	M2
C2	N4	D129	*R1	Q160	*E4	Q388	*H4	R165	*G3	R506	*J5
C3	L2	D130	*L1	Q161	*N1	Q389	M3	R166	*A5		
C4	M4	D131	M3	Q162	*N1	Q390	*L1	R167	*B5	RB1	*K2
C5	M4	D132	*G3	Q163	*M1	Q391	*H2	R301	*C5	RB2	*K1
C6	L3	D133	*G1	Q164	*M1	Q392	*H4	R302	*F3	RB3	*J3
C7	K2	D134	*F4	Q165	*M3	Q393	L4	R303	B4	RB4	K1
C8	*J2	D301	C5	Q166	*G3	Q394	*L1	R304	*M5	RB5	J1
C9	*K1			Q167	*A5	Q395	*H2	R305	C4	RB6	*J3
C10	*J1	FB1	M4	Q168	*B5	Q396	*H4	R306	*F3	RB7	*J2
C11	*K1			Q301	A4	Q397	*M1	R307	*F3	RB8	K1
C12	*K1	IC1	K2	Q302	*M5	Q398	*H2	R308	*C5	RB9	*H1
C13	*K1	IC2	K2	Q303	*F3	Q399	*H4	R309	F3		
C14	*K1	IC102	K3	Q304	A4	Q400	*M1	R310	*F3	RV1	D1
C101	*K2	IC103	K3	Q305	*M5	Q401	*H2	R311	B4	RV2	C1
C102	*K3	IC104	K2	Q306	C4	Q402	*H4	R312	*M5	RV301	H5
C103	*L2	IC105	K1	Q307	*F3	Q501	M2	R313	C4	RV302	H3
C104	*K1	IC106	N2	Q308	*F3			R314	F3	RV303	H1
C105	*N2	IC107	N2	Q309	B4	R1	*N3	R315	*F2		
C106	*N2	IC108	M2	Q310	*M5	R2	*N3	R316	F2	S1	S5
C107	*M2	IC109	K4	Q311	F3	R3	*N3	R317	*F2	S2	S4
C108	*K3	IC110	K4	Q312	*F3	R4	*N3	R318	B4	S3	S3
C109	*K4	IC111	K5	Q313	B4	R5	*A1	R319	N4	S4	S3
C110	*K4	IC112	K4	Q314	*M5	R6	*A1	R320	C4	S5	S2
C111	K4	IC113	K4	Q315	C4	R7	*B1	R321	F2	S6	S2
C112	*K4	IC114	K5	Q316	F3	R8	*K3	R322	*F2	S7	S1
C113	*K4	IC301	K1	Q317	*F2	R9	*K3	R323	F2	S8	N1
C114	S5	IC302	K3	Q318	B4	R10	*K3	R324	*F2	S9	R5
C115	R5	IC303	K3	Q319	N4	R11	*K3	R325	B4	S10	R4
C116	R5	IC304	J2	Q320	F2	R12	*N3	R326	N4	S11	R3
C117	P5	IC305	J4	Q321	*F2	R13	*K3	R327	C4	S12	R3
C118	P5	IC306	J4	Q322	B4	R14	*K3	R328	F2	S13	R2
C119	*H5	IC501	N4	Q323	N4	R15	A4	R329	*F2	S14	R2
C120	F5	IC502	N4	Q324	C4	R16	A4	R330	F2	S15	R1
C121	F1	IC503	J5	Q325	F2	R101	*S5	R331	*E3	S16	N1
C122	E5			Q326	*F2	R102	*R5	R332	B4	S17	R5
C301	M3	L1	M4	Q327	B4	R103	*R5	R333	N4	S18	R4
C302	N4	L2	L2	Q328	N4	R104	*P5	R334	C4	S19	R3
C303	E4			Q329	F2	R105	*N5	R335	*E3	S20	R3
C304	*K1	Q101	*S5	Q330	*F2	R106	*L5	R336	*E3	S21	R2
C305	K3	Q102	*R5	Q331	B4	R107	*G5	R337	E3	S22	R2
C306	K3	Q103	*R5	Q332	N4	R108	*G3	R338	*E3	S23	R1
C307	*J2	Q104	*P4	Q333	C4	R109	*G4	R339	B4	S24	M1
C308	*J4	Q105	*N5	Q334	F2	R110	*R4	R340	*M5	S25	P4
C309	*H3	Q106	*L5	Q335	*F2	R111	*R4	R341	D4	S26	P4
C310	*H5	Q107	*G5	Q336	B4	R112	*P4	R342	E3	S27	P3
C501	*N4	Q108	*G2	Q337	N4	R113	*N5	R343	*E2	S28	P3
C502	*N4	Q109	*S4	Q338	F2	R114	*L4	R344	E2	S29	P2
C503	*J5	Q110	*R4	Q339	*E3	R115	*G4	R345	*E2	S30	P1
C504	*J4	Q111	*R4	Q340	B4	R116	*G2	R346	B4	S31	L1
C505	*J5	Q112	*P4	Q341	N4	R117	*G4	R347	*M5	S32	M1
		Q113	*N5	Q342	D4	R118	*R4	R348	D4	S33	N5
CN1	*K3	Q114	*L4	Q343	*E3	R119	*R4	R349	E2	S34	N5
CN2	*M3	Q115	*G4	Q344	*E3	R120	*P3	R350	*E2	S35	N3
CN3	*B3	Q116	*G2	Q345	B4	R121	*N3	R351	E2	S36	N3
CN4	M5	Q117	*S3	Q346	*M5	R122	*L3	R352	E2	S37	M4
CN5	L5	Q118	*R3	Q347	E3	R123	*G4	R353	B4	S38	M4
CN8	P4	Q119	*R3	Q348	*E3	R124	*G1	R354	D4	S39	M3
CN9	L4	Q120	*P3	Q349	B4	R125	*D5	R355	P3	S40	M3
CN10	F2	Q121	*N3	Q350	*M5	R126	*G3	R356	E2	S41	L5
CN11	E2	Q122	*L3	Q351	D4	R127	*R3	R357	E1	S42	L4
CN12	C4	Q123	*G4	Q352	E3	R128	*R3	R358	E1	S43	L3
CN13	P2	Q124	*G1	Q353	*E2	R129	*P3	R359	L4	S44	L2
CN14	L2	Q125	*D5	Q354	B4	R130	*N3	R360	L4	S45	G5
CN15	*M2	Q126	*S3	Q355	*M5	R131	*L2	R361	L3	S46	G4
CN16	K5	Q127	*R3	Q356	E2	R132	*G3	R362	L3	S47	G4
CN17	K5	Q128	*R3	Q357	*E2	R133	*E1	R363	M3	S48	G3
CN18	M2	Q129	*P3	Q358	B4	R135	*S2	R364	L4	S49	G5
CN19	*J3	Q130	*N3	Q359	*M5	R136	*R2	R365	M1	S50	G4
		Q131	*L2	Q360	D4	R137	*R2	R366	M1	S51	G4
D101	*S4	Q132	*G3	Q361	E2	R138	*P2	R367	M1	S52	G3
D102	*S4	Q133	*E1	Q362	*E2	R139	*M4	R368	L1	S53	G2
D103	*R4	Q135	*S2	Q363	B4	R140	*G5	R369	L1	S54	G2
D104	*P4	Q136	*R2	Q364	P3	R141	*G3	R370	L1	S55	G1
D105	*P5	Q137	*R2	Q365	E2	R142	*B1	R371	M1	S56	A5
D106	*L5	Q138	*P2	Q366	E2	R143	*D4	R372	M1	S57	G2
D107	*G4	Q139	*M4	Q367	B4	R144	*S2	R373	H2	S58	G2
D108	*G2	Q140	*G5	Q368	P3	R145	*R2	R374	H2	S59	G1
D109	*S3	Q141	*G2	Q369	D4	R146	*R2	R375	H2	S60	E1
D110	*S3	Q142	*B1	Q370	E2	R147	*P2	R376	H2	S61	B1
D111	*R3	Q143	*D4	Q371	E1	R148	*M4	R377	H2	S62	E5
D112	*P3	Q144	*S2	Q372	E1	R149	*G4	R378	H2	S63	E4
D113	*P3	Q145	*R2	Q373	L4	R150	*G2	R379	H2	S64	B5
D114	L2	Q146	*R2	Q374	*M1	R151	*E5	R380	H2	S65	D5
D115	*G3	Q147	*P1	Q375	*H2	R152	*S1	R381	H4	S66	A1
D116	*G1	Q148	*M4	Q376	*H3	R153	*R1	R382	H4		
D117	*D5	Q149	*G4	Q377	L4	R154	*R1	R383	H4	*:B SIDE	
D118	*S2	Q150	*G2	Q378	*M1	R155	*L1	R384	H4		
D119	*S2	Q151	*E5	Q379	*H2	R156	*M3	R385	H4		
D120	*R2	Q152	*A1	Q380	*H3	R157	*G4	R386	H4		
D121	*P2	Q153	*S1	Q381	*L3	R158	*G1	R387	H4		
D122	*N4	Q154	*R1	Q382	*M1	R159	*E4	R388	H4		
D123	*G4	Q155	*R1	Q383	*H2	R160	*N1	R501	*J5		
D124	*G2	Q156	*L1	Q384	*H4	R161	*N1	R502	*J4		



SW-893 -A SIDE-  
1-663-394-11

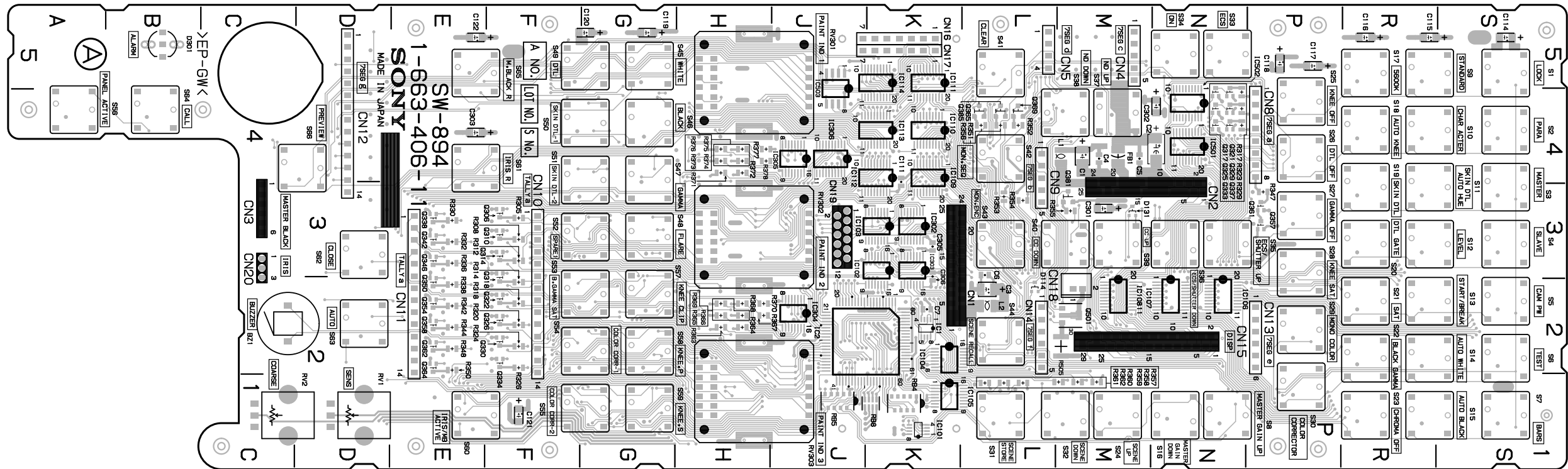


SW-893 -B SIDE-  
1-663-394-11

SW-894 (1-663-406-11)

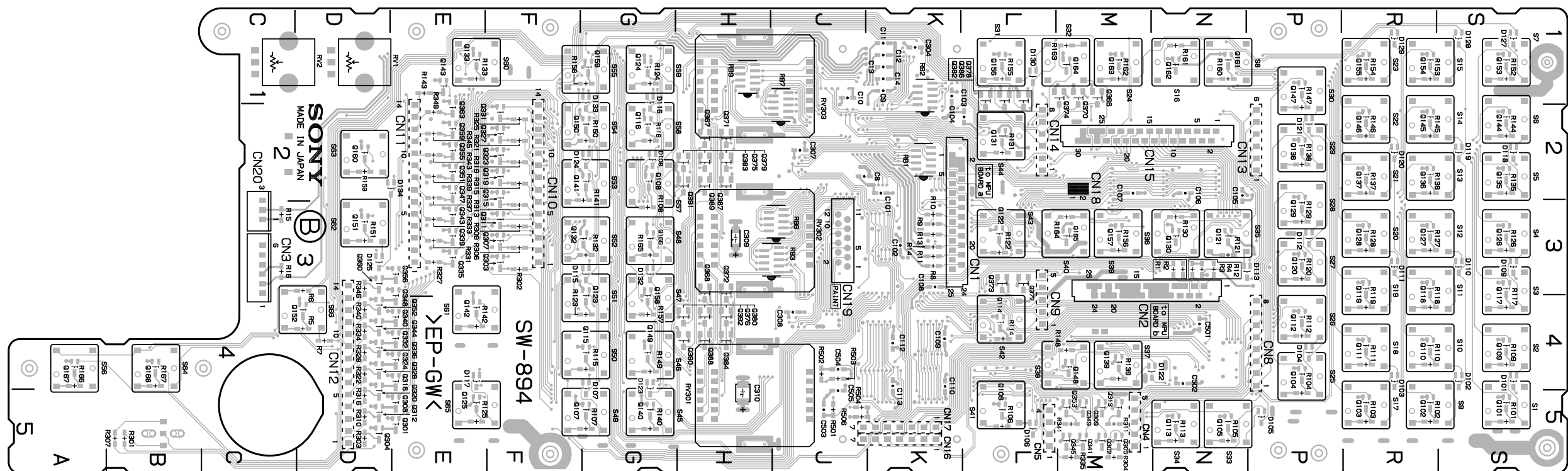
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		D127	*S1	Q158	*G4	Q386	*L1	R306	*F3	S1	S5
C1	M4	D128	*S1	Q159	*G1	Q387	*H2	R307	*B5	S2	S4
C2	N4	D129	*R1	Q160	*D2	Q388	*H4	R308	F3	S3	S3
C3	L2	D130	*L1	Q161	*N1	Q389	*H2	R309	*F3	S4	S3
C4	M4	D131	M3	Q162	*N1	Q390	*H4	R310	*D5	S5	S2
C5	M4	D132	*G3	Q163	*M1	Q391	*H2	R311	*M5	S6	S2
C6	L3	D133	*G1	Q164	*M1	Q392	*H4	R312	F3	S7	S1
C7	K2	D134	*E2	Q165	*M3	Q501	M2	R313	*F3	S8	N1
C8	*J2	D301	B5	Q166	*G3			R314	F2	S9	R5
C9	*K1			Q167	*A4	R1	*N3	R315	*F2	S10	R4
C10	*J1	FB1	M4	Q168	*B4	R2	*N3	R316	*D5	S11	R3
C11	*K1			Q301	*E5	R3	*N3	R317	N4	S12	R3
C12	*K1	IC1	K2	Q302	*M5	R4	*N3	R318	F2	S13	R2
C13	*K1	IC2	K2	Q303	*F3	R5	*D4	R319	*F2	S14	R2
C14	*K1	IC101	K1	Q304	*D5	R6	*D3	R320	F2	S15	R1
C101	*K2	IC102	K3	Q305	*M5	R7	*D4	R321	*F2	S16	N1
C102	*K3	IC103	K3	Q306	F3	R8	*K3	R322	*D4	S17	R5
C103	*L2	IC104	K2	Q307	*F3	R9	*K3	R323	N4	S18	R4
C104	*K1	IC105	K1	Q308	*E5	R10	*K3	R324	F2	S19	R3
C105	*N2	IC106	N2	Q309	*M5	R11	*K3	R325	*F2	S20	R3
C106	*N2	IC107	N2	Q310	F3	R12	*N3	R326	F2	S21	R2
C107	*M2	IC108	M2	Q311	*F3	R13	*K3	R327	*E3	S22	R2
C108	*K3	IC109	K4	Q312	*D5	R14	*K3	R328	*D4	S23	R1
C109	*K4	IC110	K4	Q313	*M5	R15	*C3	R329	N4	S24	M1
C110	*K4	IC111	K5	Q314	F3	R16	*C3	R330	E3	S25	P4
C111	K4	IC112	K4	Q315	*F2	R101	*G5	R331	*E3	S26	P4
C112	*K4	IC113	K4	Q316	*E4	R102	*R5	R332	E3	S27	P3
C113	*K4	IC114	K5	Q317	N4	R103	*R5	R333	*E3	S28	P3
C114	S5	IC302	K3	Q318	F3	R104	*P5	R334	*D4	S29	P2
C115	R5	IC303	K3	Q319	*F2	R105	*N5	R335	*M5	S30	P1
C116	R5	IC304	J2	Q320	*D5	R106	*L5	R336	E3	S31	L1
C117	P5	IC305	J4	Q321	N4	R107	*G5	R337	*E2	S32	M1
C118	P5	IC306	J4	Q322	F2	R108	*G3	R338	E2	S33	N5
C119	G5	IC501	N4	Q323	*F2	R109	*G4	R339	*E2	S34	N5
C120	G5	IC502	N4	Q324	*E4	R110	*R4	R340	*D4	S35	N3
C121	F1	IC503	J5	Q325	N4	R111	*R4	R341	*M5	S36	N3
C122	E5			Q326	F2	R112	*P4	R342	E2	S37	M4
C301	M3	L1	M4	Q327	*F2	R113	*N5	R343	*E2	S38	M4
C302	N4	L2	L2	Q328	*D4	R114	*L4	R344	E2	S39	M3
C303	E4			Q329	N4	R115	*G4	R345	*E2	S40	M3
C304	*K1	Q101	*S5	Q330	F2	R116	*G2	R346	*D3	S41	L5
C305	K3	Q102	*R5	Q331	*F2	R117	*S4	R347	P3	S42	L4
C306	K3	Q103	*R5	Q332	*E4	R118	*R4	R348	E2	S43	L3
C307	*J2	Q104	*P4	Q333	N4	R119	*R4	R349	*E2	S44	L2
C308	*J4	Q105	*N5	Q334	F2	R120	*P3	R350	E2	S45	G5
C309	*H3	Q106	*L5	Q335	*E3	R121	*N3	R351	L4	S46	G4
C310	*H5	Q107	*G5	Q336	*D4	R122	*L3	R352	L4	S47	G4
C501	*N4	Q108	*G2	Q337	N4	R123	*G4	R353	L3	S48	G3
C502	*N4	Q109	*S4	Q338	E3	R124	*G1	R354	L3	S49	G5
C503	*J5	Q110	*R4	Q339	*E3	R125	*E5	R355	M3	S50	G4
C504	*J4	Q111	*R4	Q340	*E4	R126	*G3	R356	L4	S51	G4
C505	*J5	Q112	*P4	Q341	*M5	R127	*R3	R357	M1	S52	G3
		Q113	*N5	Q342	E3	R128	*R3	R358	M1	S53	G2
CN1	*K3	Q114	*L4	Q343	*E3	R129	*P3	R359	M1	S54	G2
CN2	*M3	Q115	*G4	Q344	*D4	R130	*N3	R360	L1	S55	G1
CN3	*C3	Q116	*G2	Q345	*M5	R131	*L2	R361	L1	S56	A4
CN4	M5	Q117	*S3	Q346	E3	R132	*G3	R362	L1	S57	G2
CN5	L5	Q118	*R3	Q347	*E2	R133	*E1	R363	H2	S58	G2
CN8	P4	Q119	*R3	Q348	*E4	R135	*G2	R364	H2	S59	G1
CN9	L4	Q120	*P3	Q349	*M5	R136	*R2	R365	H2	S60	E1
CN10	F2	Q121	*N3	Q350	E2	R137	*R2	R366	H2	S61	E4
CN11	E2	Q122	*L3	Q351	*E2	R138	*P2	R367	H2	S62	D3
CN12	D4	Q123	*G4	Q352	*D4	R139	*M4	R368	H2	S63	D2
CN13	P2	Q124	*G1	Q353	*M5	R140	*G5	R369	H2	S64	B4
CN14	L2	Q125	*E5	Q354	E2	R141	*G3	R370	H2	S65	E5
CN15	*M2	Q126	*S3	Q355	*E2	R142	*E4	R371	H4	S66	D4
CN16	K5	Q127	*R3	Q356	*E3	R143	*E1	R372	H4		
CN17	K5	Q128	*R3	Q357	P3	R144	*G2	R373	H4	*:B SIDE	
CN18	M2	Q129	*P3	Q358	E2	R145	*R2	R374	H4		
CN19	*J3	Q130	*N3	Q359	*E2	R146	*R2	R375	H4		
CN20	*C3	Q131	*L2	Q360	*D3	R147	*P2	R376	H4		
D101	*S4	Q132	*G3	Q361	P3	R148	*M4	R377	H4		
D102	*S4	Q133	*E1	Q362	E2	R149	*G4	R378	H4		
D103	*R4	Q135	*S2	Q363	*E2	R150	*G2	R501	*J5		
D104	*P4	Q136	*R2	Q364	E2	R151	*D3	R502	*J4		
D105	*P5	Q137	*R2	Q365	L4	R152	*S1	R503	*J4		
D106	*L5	Q138	*P2	Q366	*M1	R153	*R1	R504	*J5		
D107	*G4	Q139	*M4	Q367	*H2	R154	*R1	R505	M2		
D108	*G2	Q140	*G5	Q368	*H3	R155	*L1	R506	*J5		
D109	*S3	Q141	*G2	Q369	L4	R156	*M3				
D110	*S3	Q142	*E4	Q370	*M1	R157	*G4	RB1	*K2		
D111	*R3	Q143	*E1	Q371	*H2	R158	*G1	RB2	*K1		
D112	*P3	Q144	*S2	Q372	*H3	R159	*D2	RB3	*J3		
D113	*P3	Q145	*R2	Q373	*L3	R160	*N1	RB4	K1		
D114	L2	Q146	*R2	Q374	*M1	R161	*N1	RB5	J1		
D115	*G3	Q147	*P1	Q375	*H2	R162	*M1	RB6	*J3		
D116	*G1	Q148	*M4	Q376	*H4	R163	*M1	RB7	*J2		
D117	*E4	Q149	*G4	Q377	*L3	R164	*M3	RB8	K1		
D118	*S2	Q150	*G2	Q378	*L1	R165	*G3	RB9	*H1		
D119	*S2	Q151	*D3	Q379	*H2	R166	*A4				
D120	*R2	Q152	*D4	Q380	*H4	R167	*B4	RV1	D1		
D121	*P2	Q153	*S1	Q381	M3	R301	*B5	RV2	C1		
D122	*N4	Q154	*R1	Q382	*L1	R302	*F3	RV301	H5		
D123	*G4	Q155	*R1	Q383	*H2	R303	*D5	RV302	H3		
D124	*G2	Q156	*L1	Q384	*H4	R304	*M5	RV303	H1		





**SW-894** -A SIDE-

1-663-406-11



SW-894 -B SIDE-

1-663-406-11

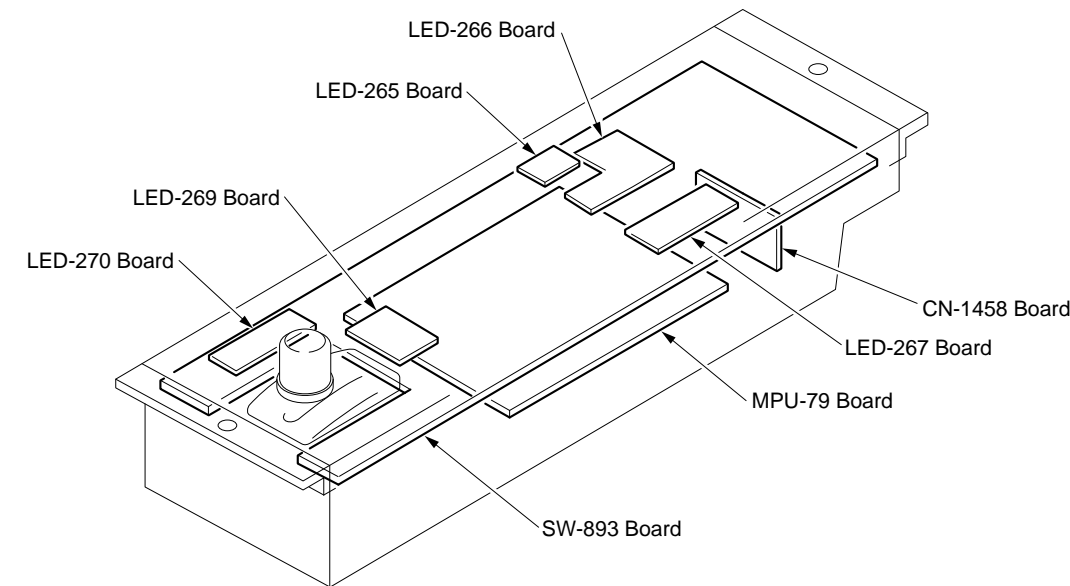




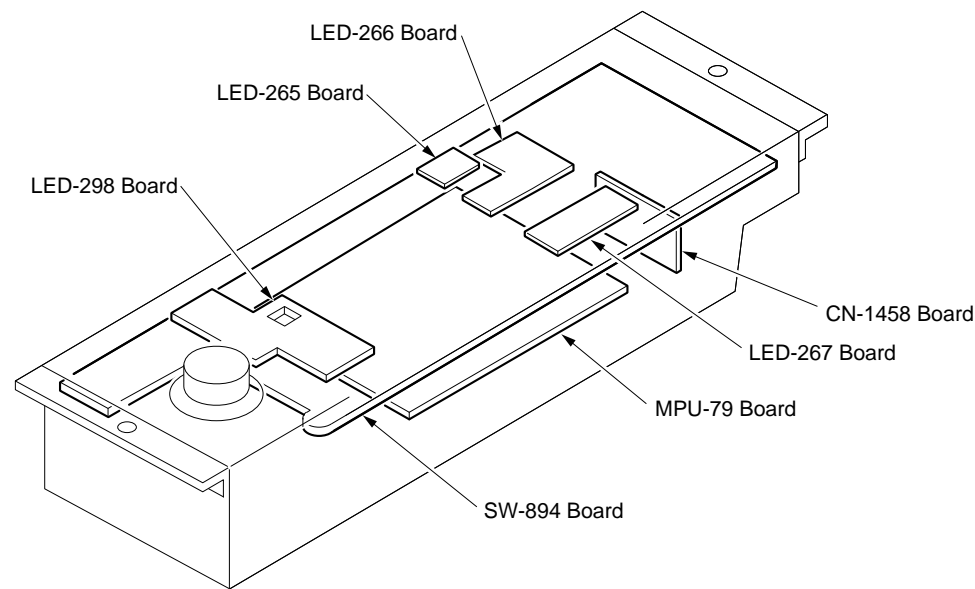
**Section 7**  
**Schematic Diagrams**

**Location of Printed Circuit Boards**

**RCP-730**



**RCP-731**



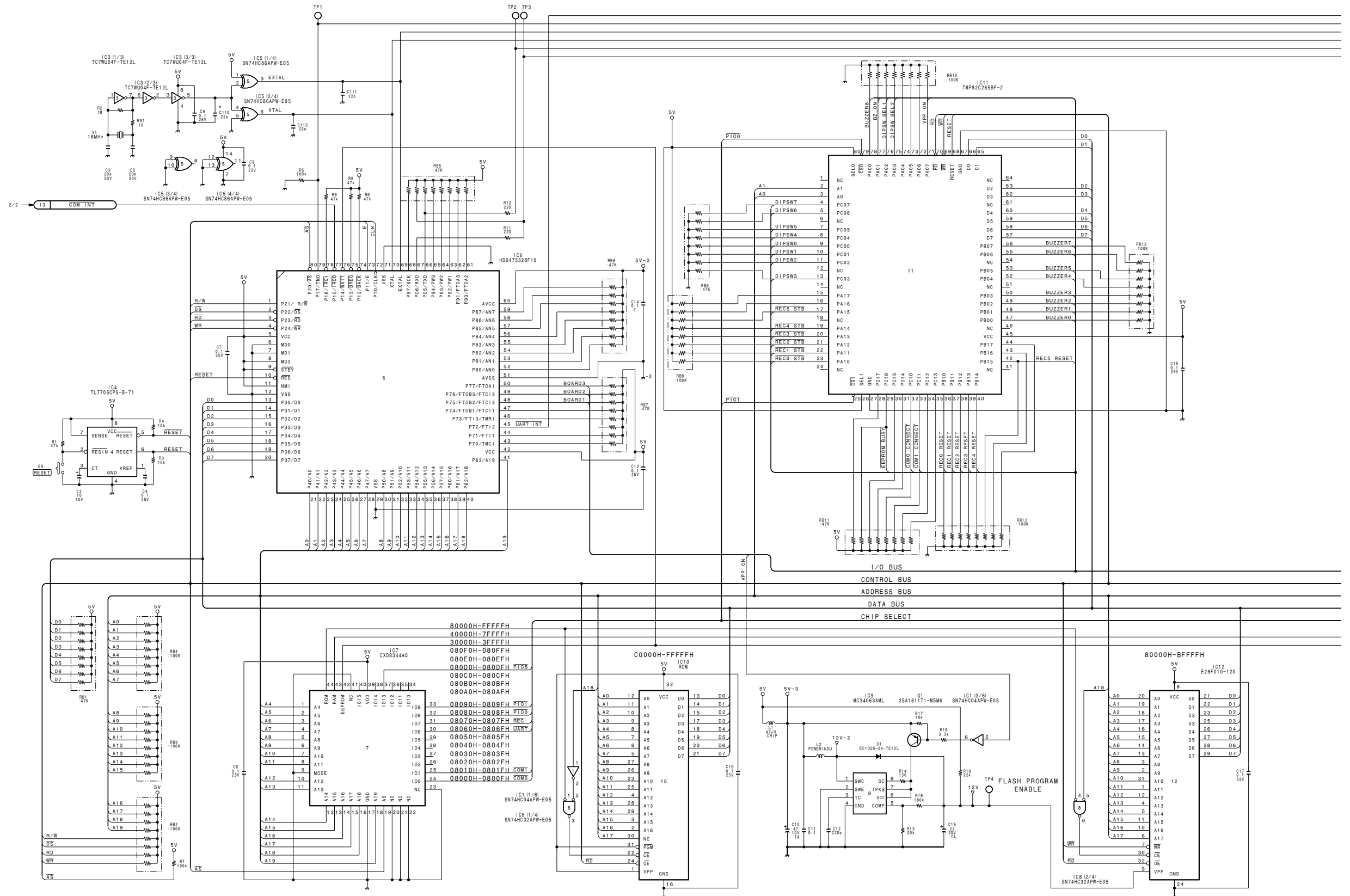
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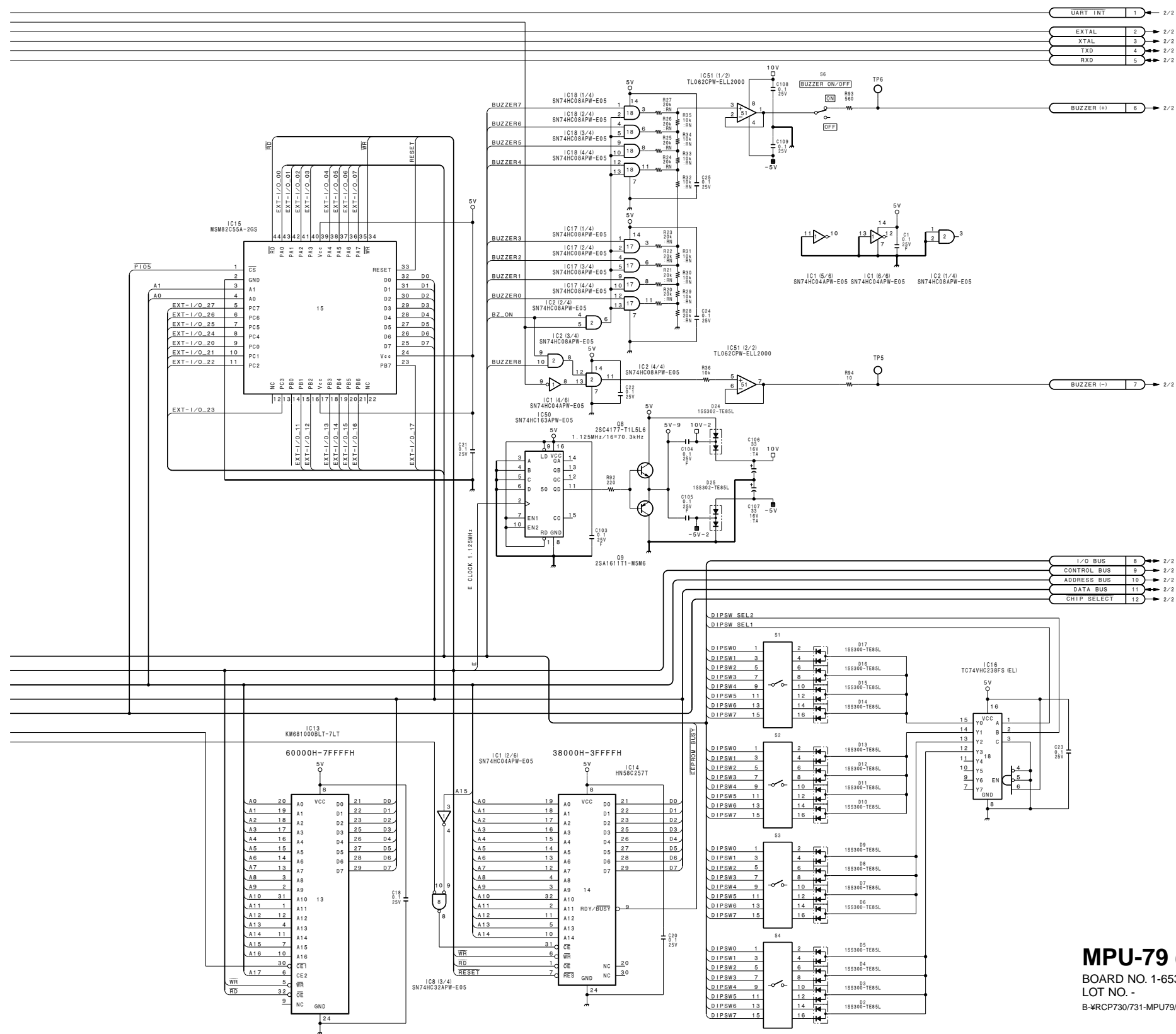
# 2

# 3

4

**5**

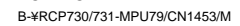




**MPU-79 (1/2)**  
BOARD NO. 1-653-727-13  
LOT NO. -  
B-YRCP730/731-MPU79/CN1453/M

**5**

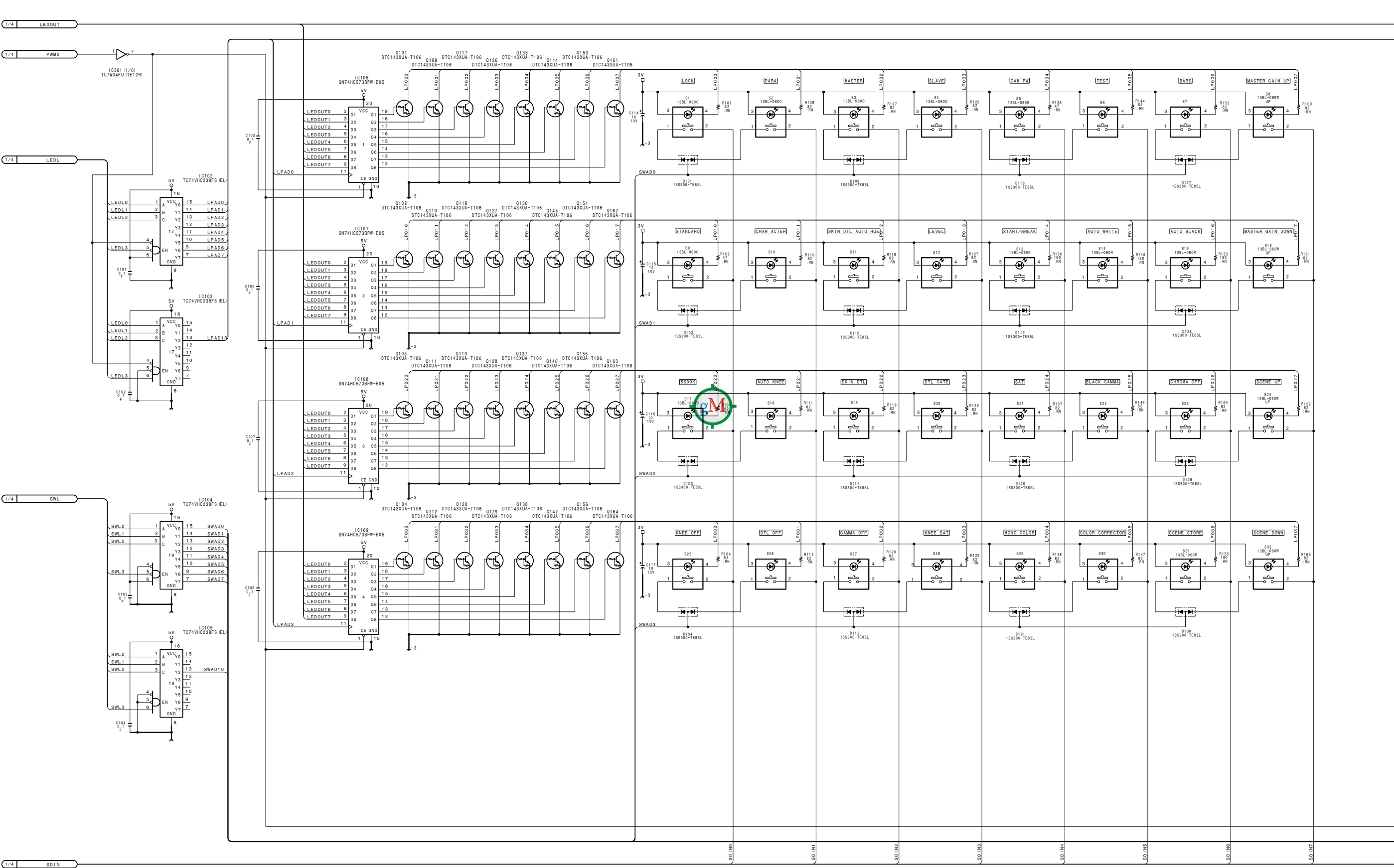




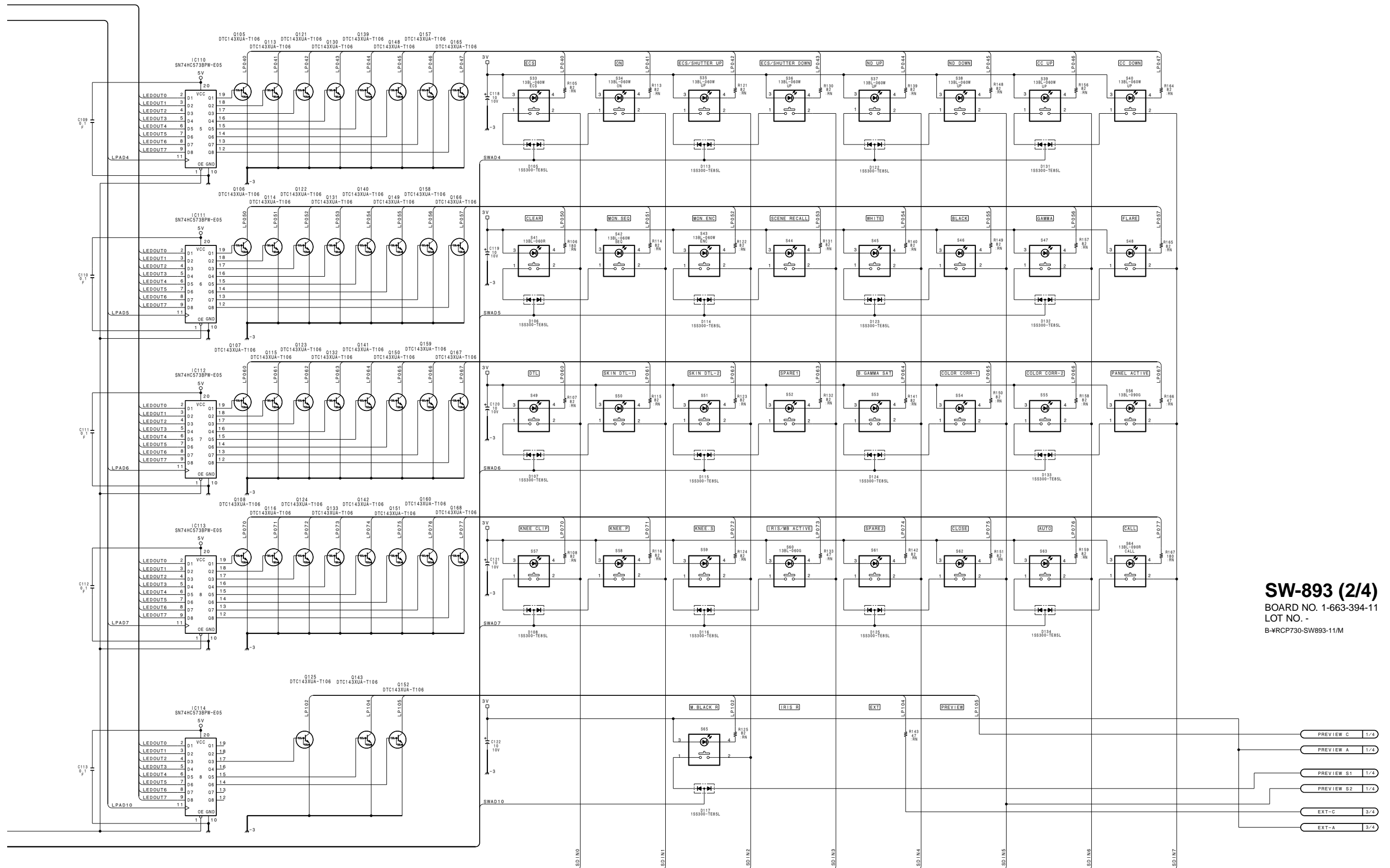


H

RCP-730 (SY)







**SW-893 (2/4)**  
BOARD NO. 1-663-394-11  
LOT NO. -  
B-¥RCP730-SW893-11/M

RCP-730 (SY)

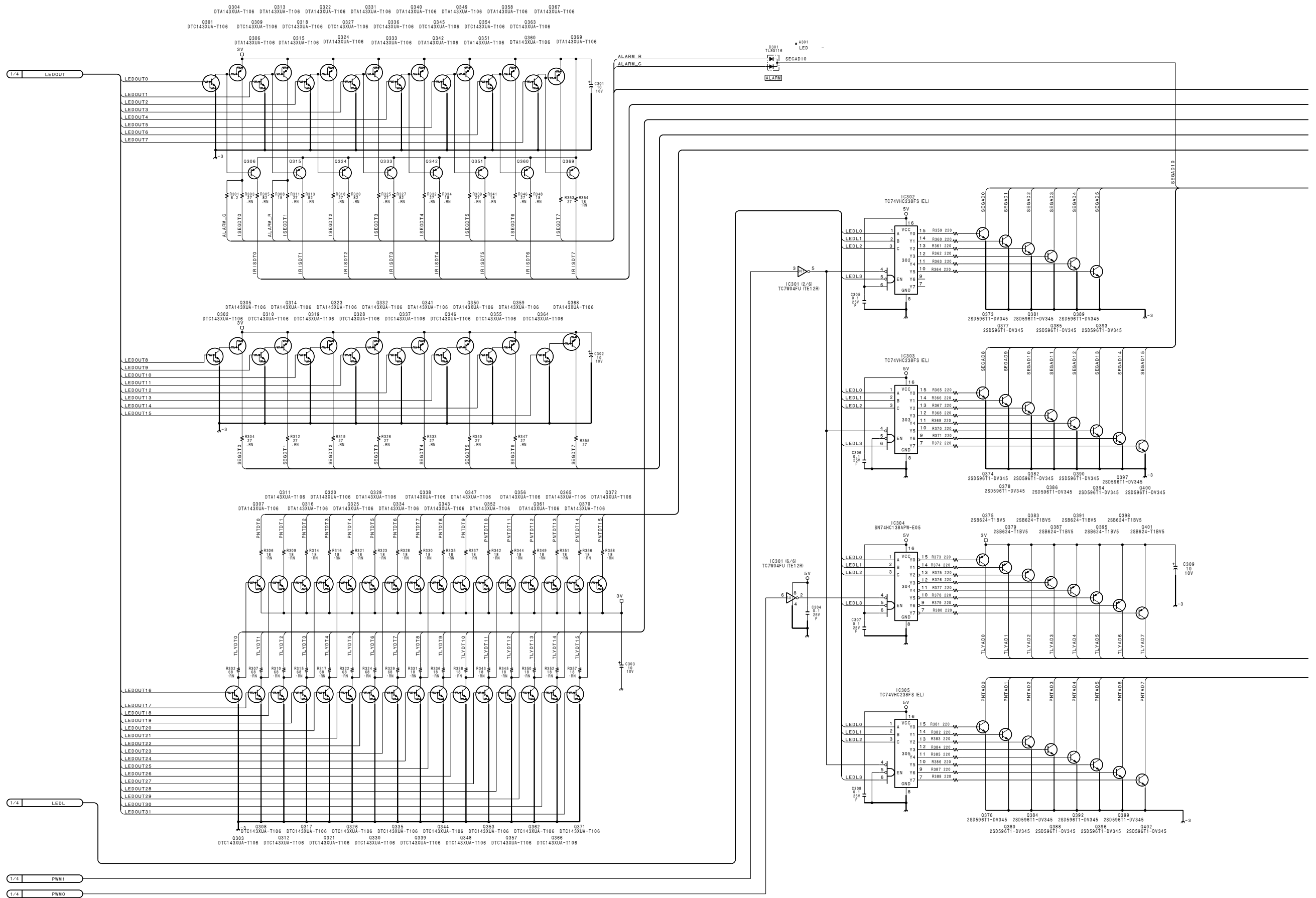
1

# 2

# 3

4

**5**



7-10

7-10

**A**

**B**

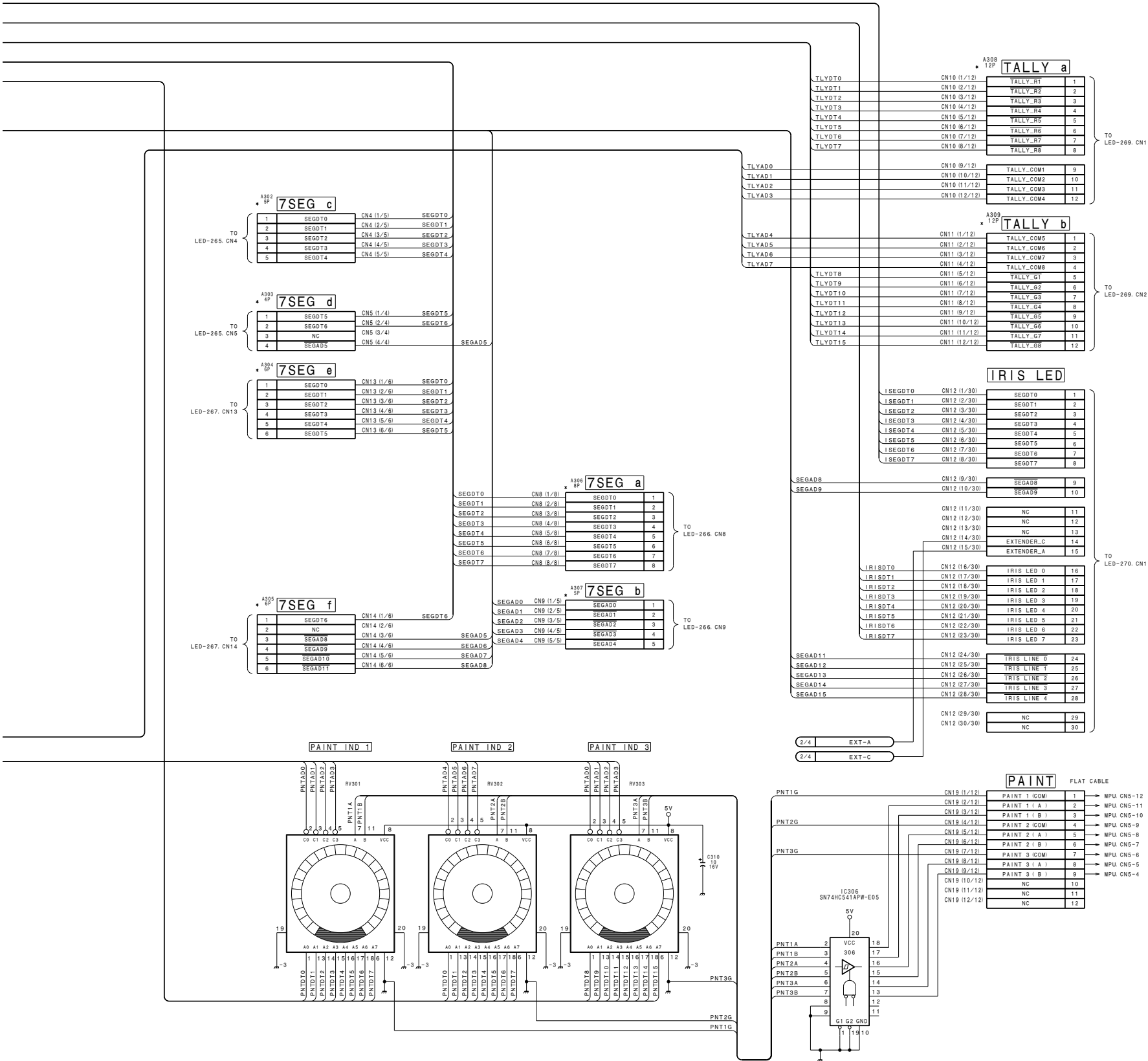
**C**

D

**E**

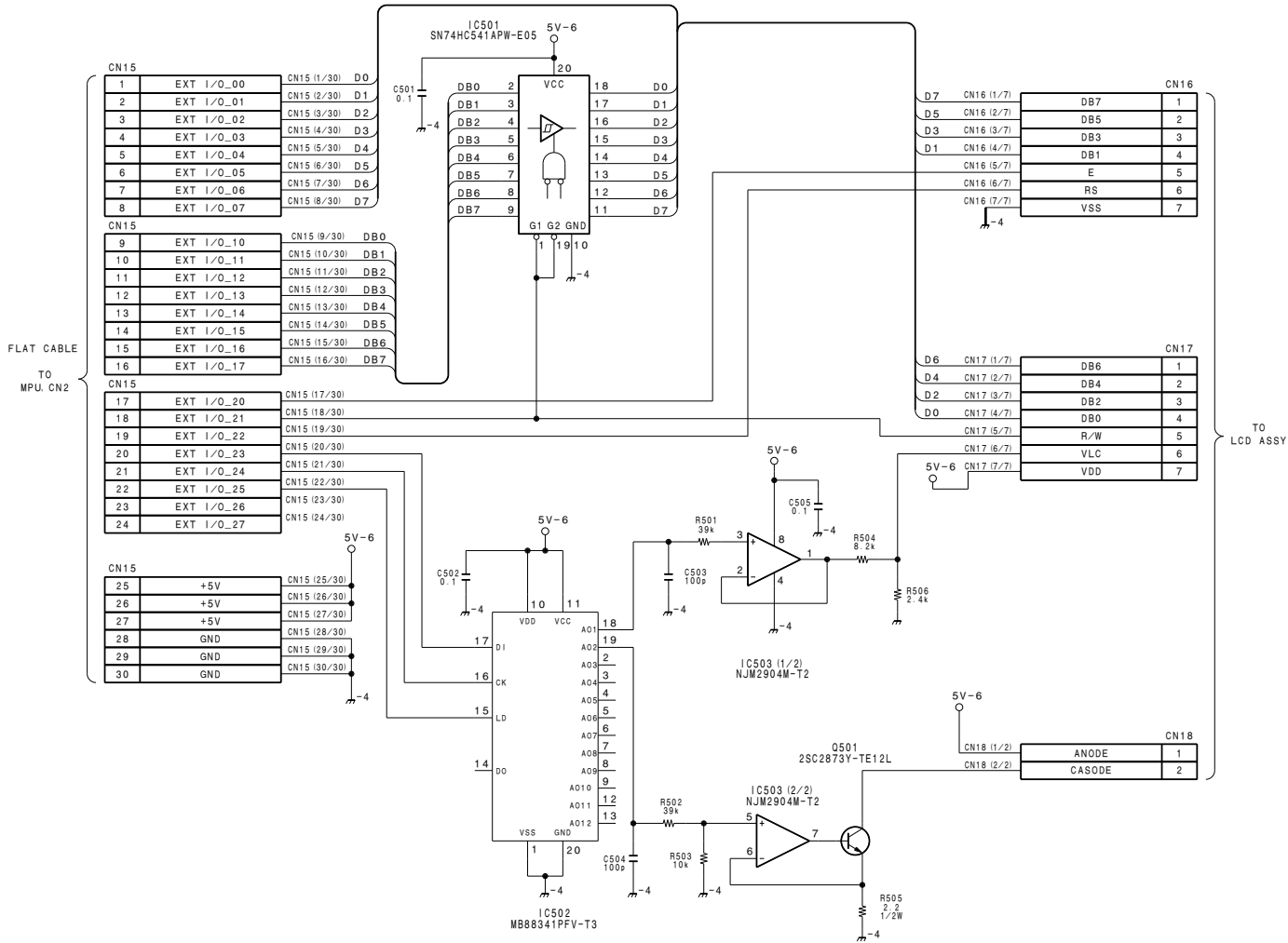
**F**

**G**



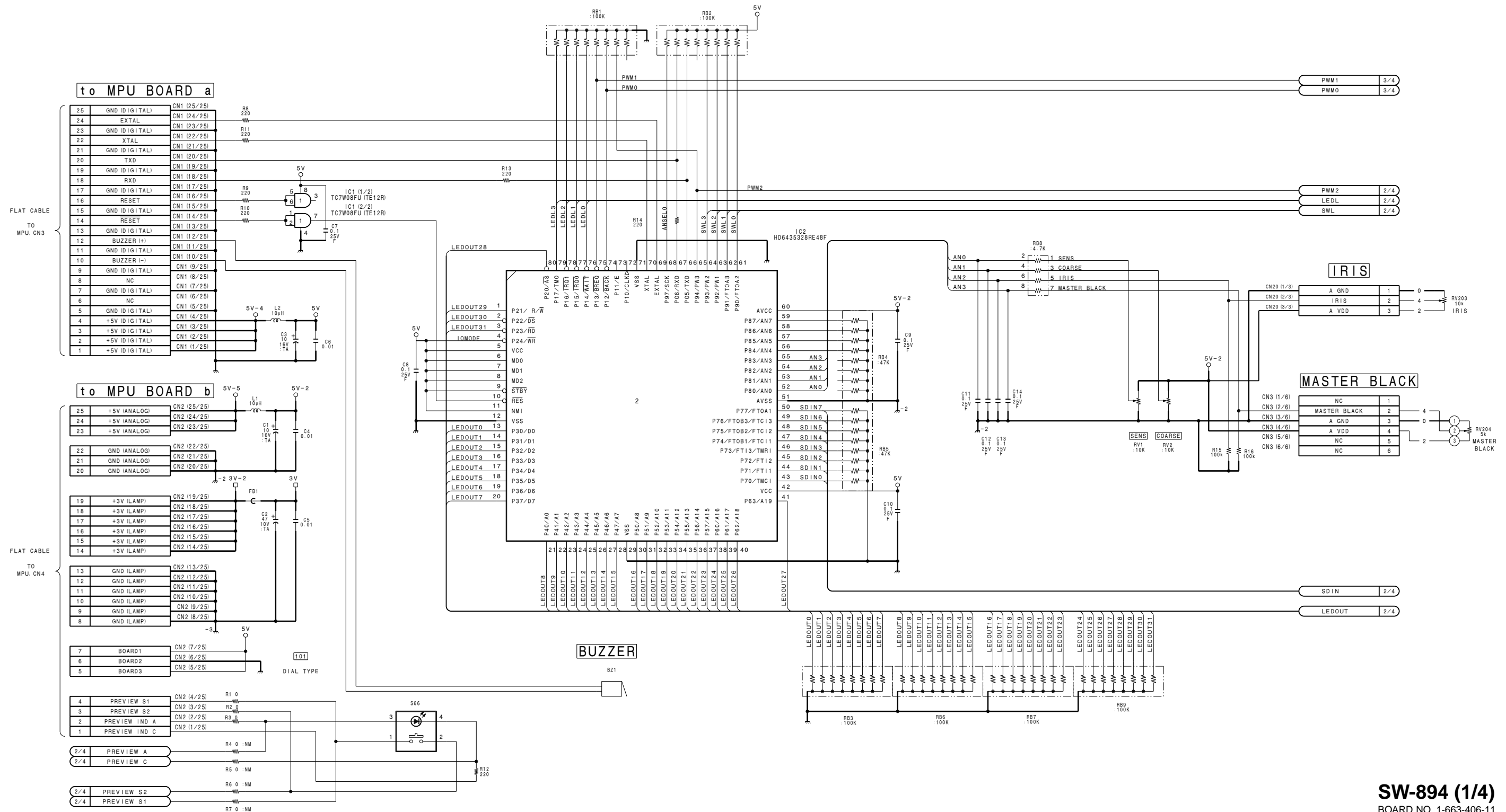
**SW-893 (3/4)**  
BOARD NO. 1-663-394-11  
LOT NO. -  
B-WRCP730-SW893-11/M

RCP-730 (SY)



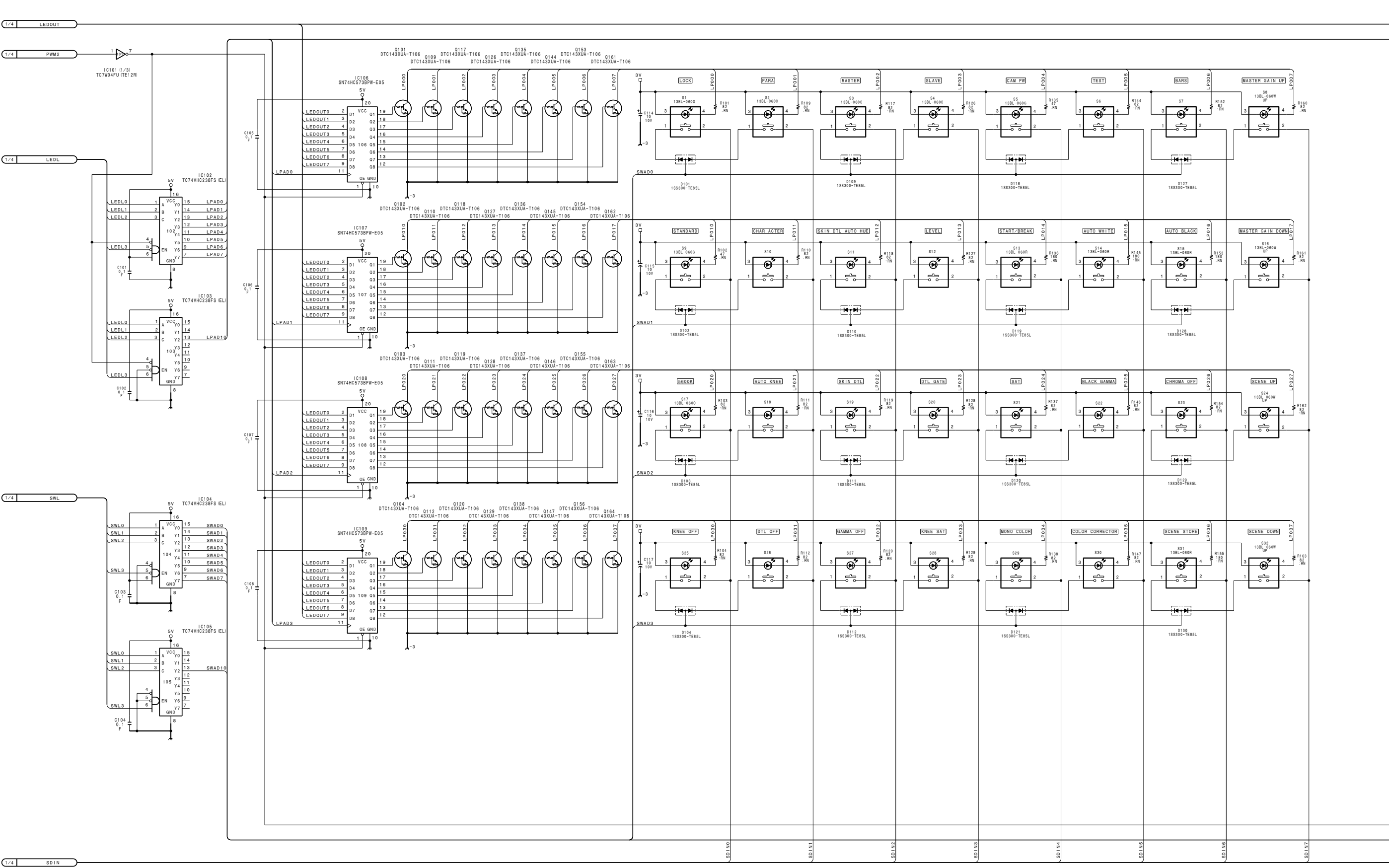
SW-893 (4/4)  
BOARD NO. 1-663-394-11  
LOT NO. -  
B-¥RCP730-SW893-11/M

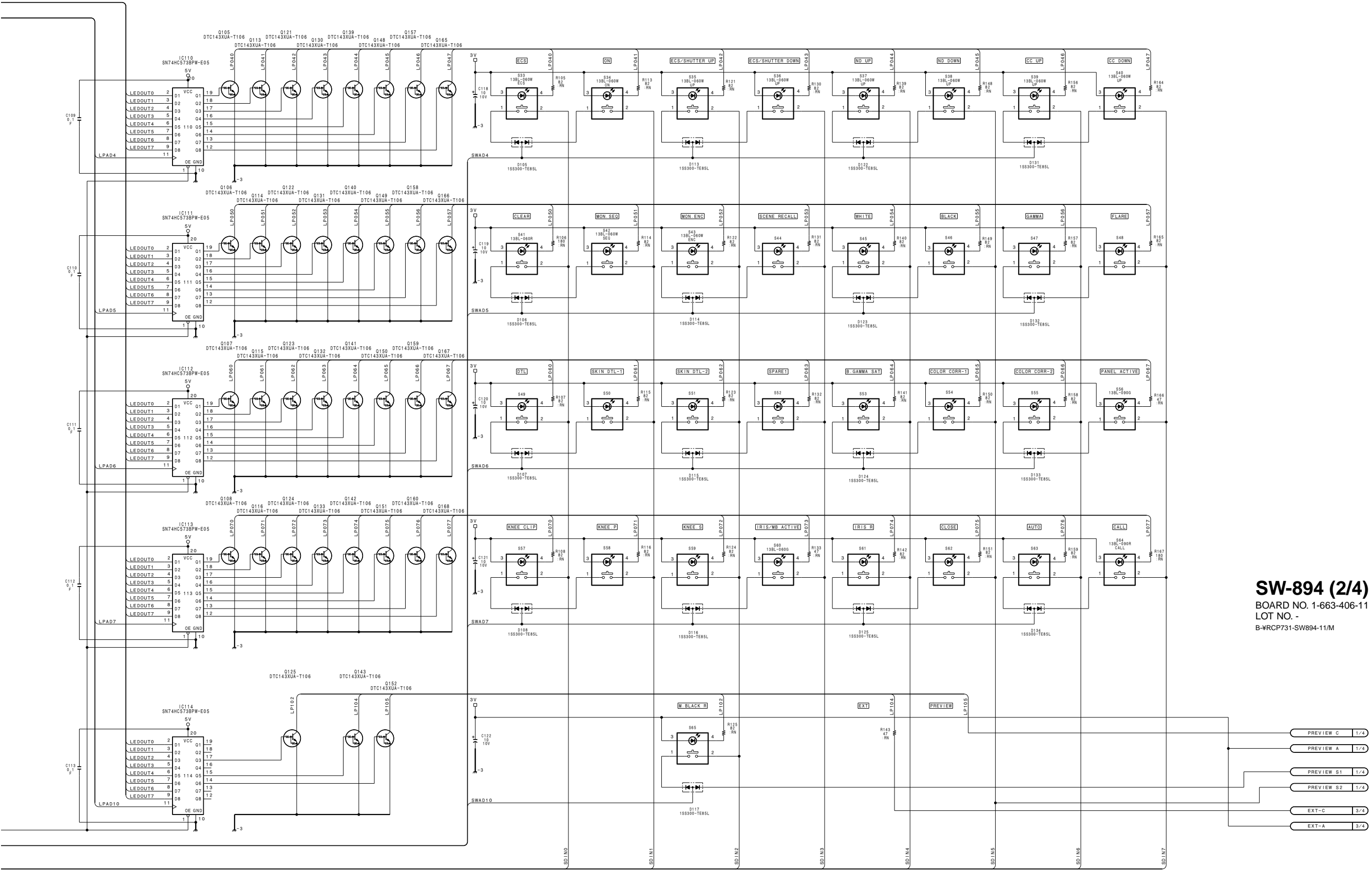
RCP-731 (SY)



**SW-894 (1/4)**  
BOARD NO. 1-663-406-11  
LOT NO. -  
B-WRCP731-SW894-11/M

RCP-731 (SY)





RCP-731 (SY)

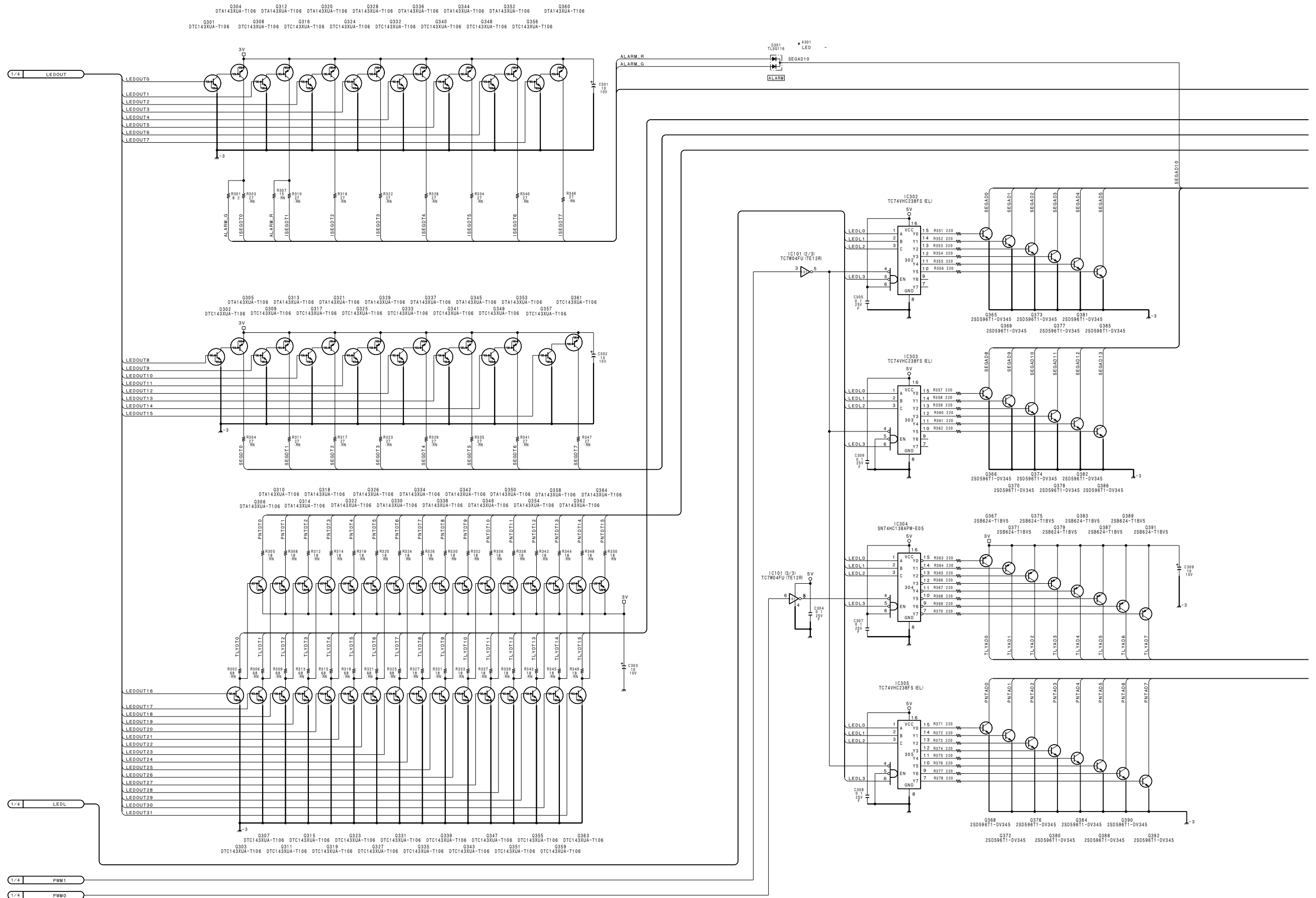
1

**2**

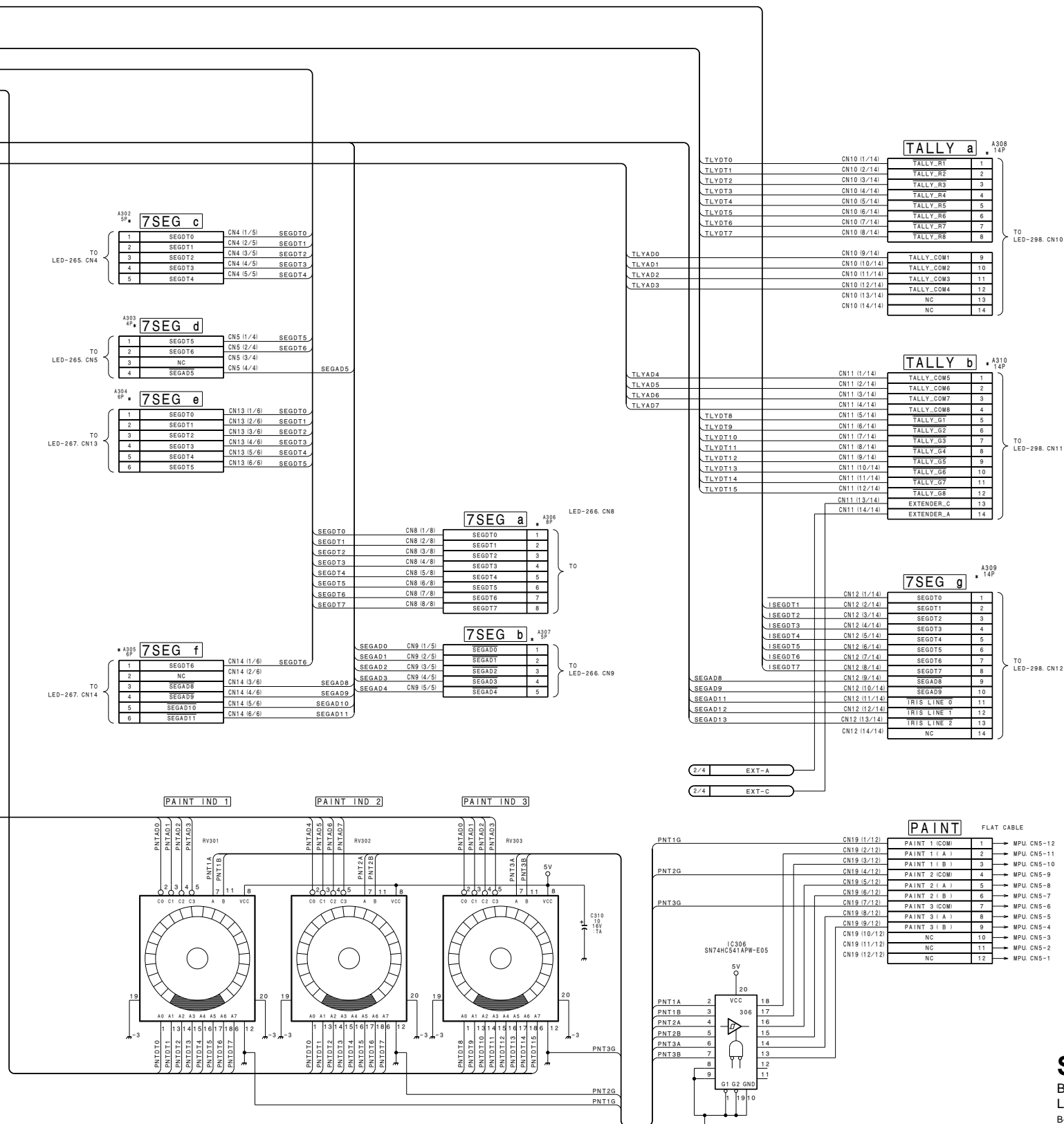
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4

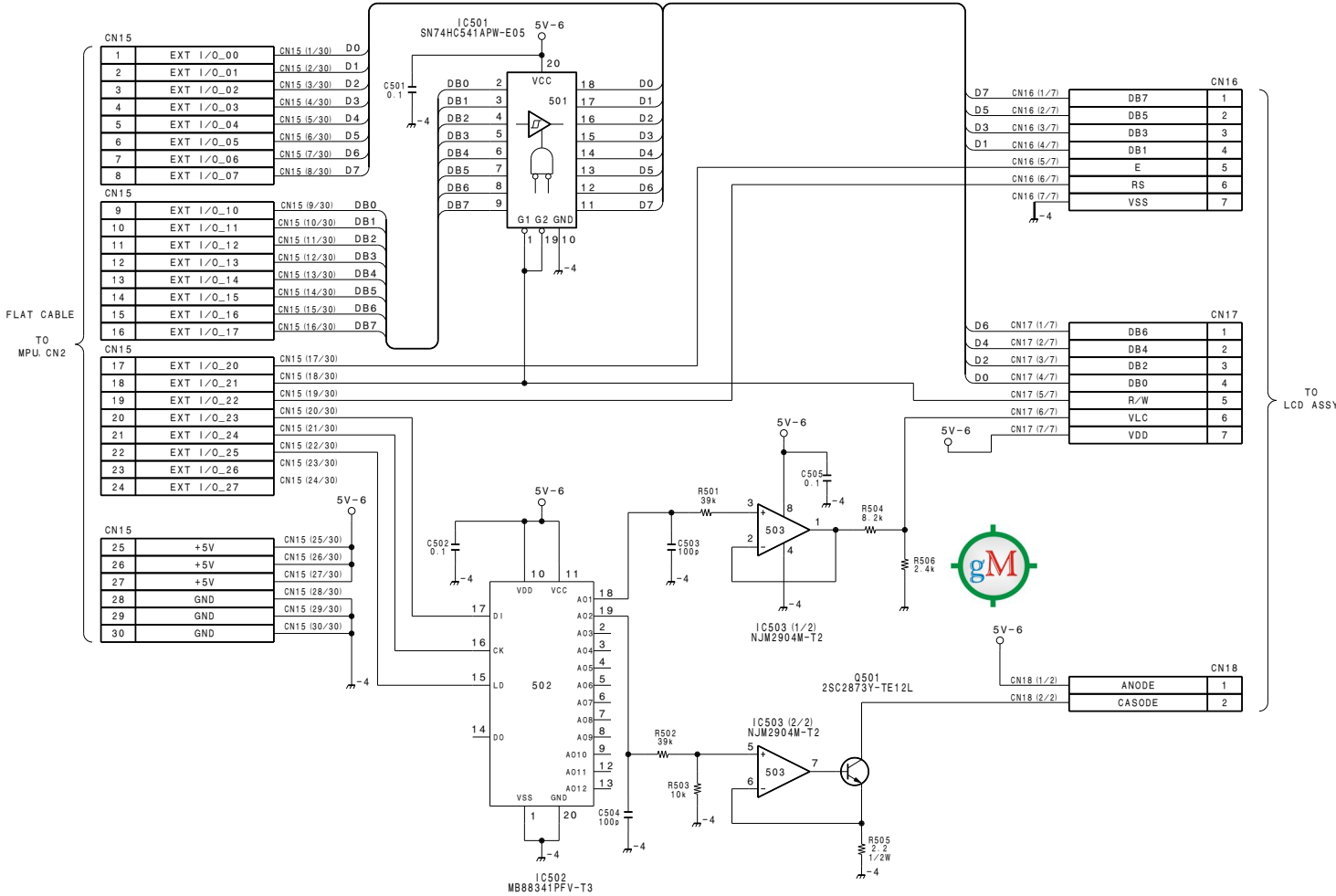
**5**







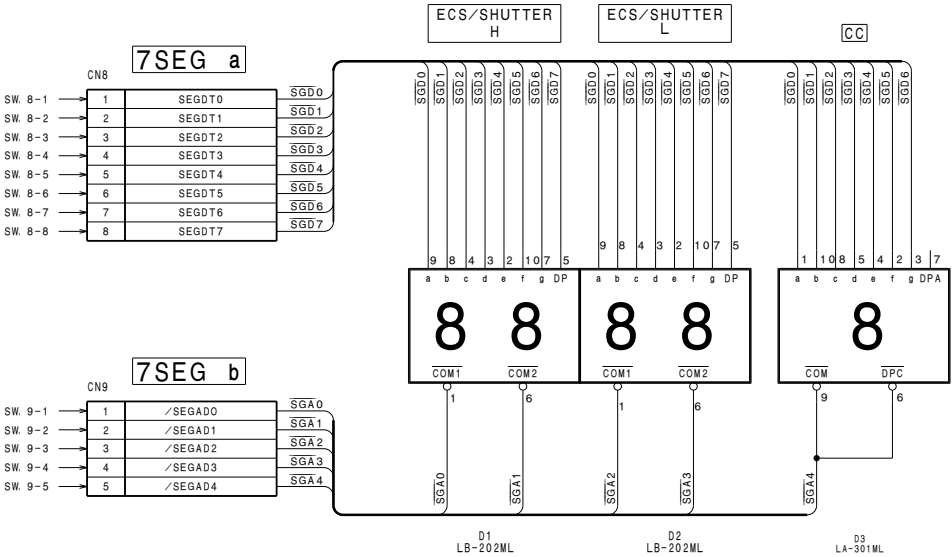
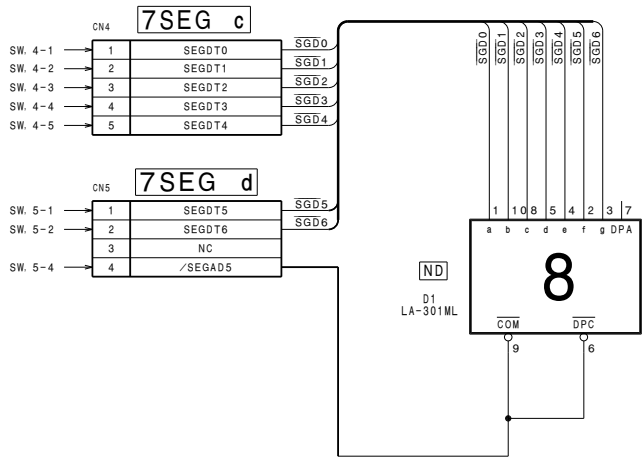
RCP-731 (SY)



**SW-894 (4/4)**  
BOARD NO. 1-663-406-11  
LOT NO. -  
B-WRCP731-SW894-11/M

RCP-730/731 (SY)

RCP-730/731 (SY)

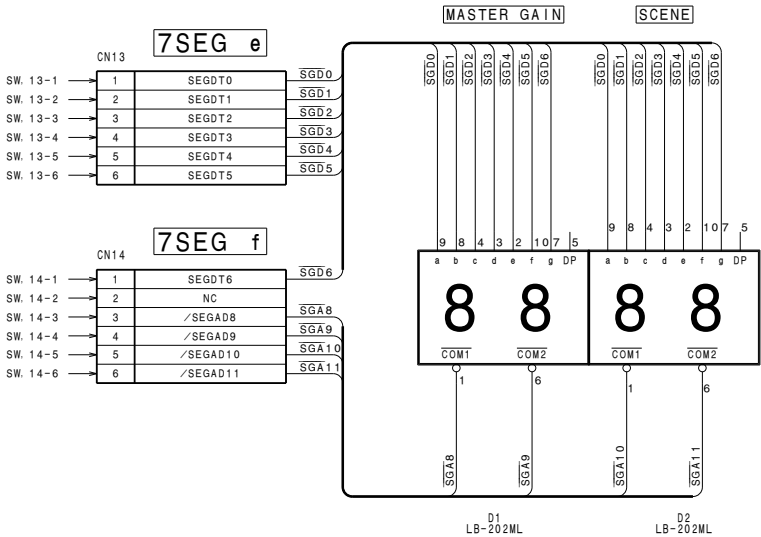


LED-265  
BOARD NO. 1-663-395-11  
LOT NO. -  
B-¥RCP730-LED265-11/M

LED-266  
BOARD NO. 1-663-396-11  
LOT NO. -  
B-¥RCP730-LED266-11/M

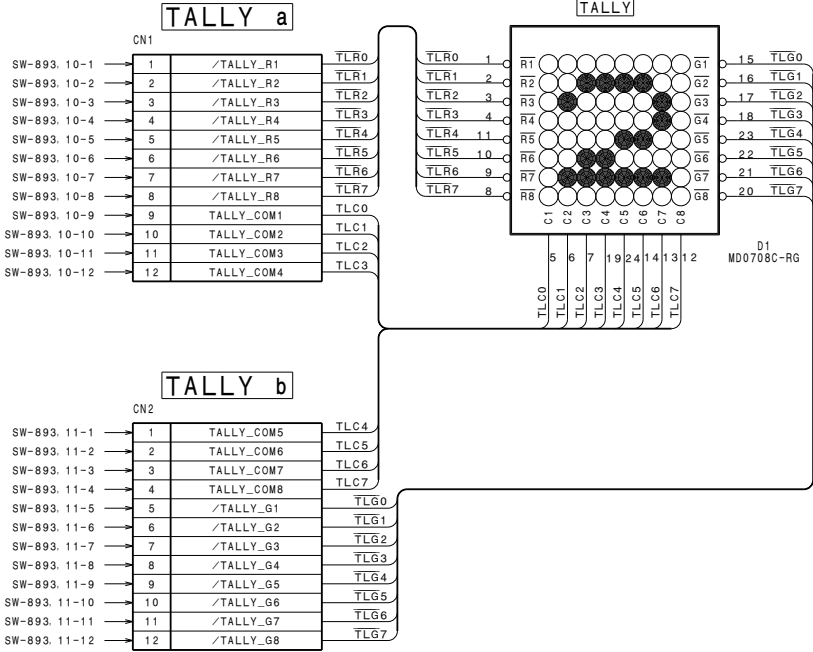
RCP-730/731 (SY)

RCP-730 (SY)



LED-267

BOARD NO. 1-663-397-11  
LOT NO. -  
B-¥RCP730-LED267-11/M

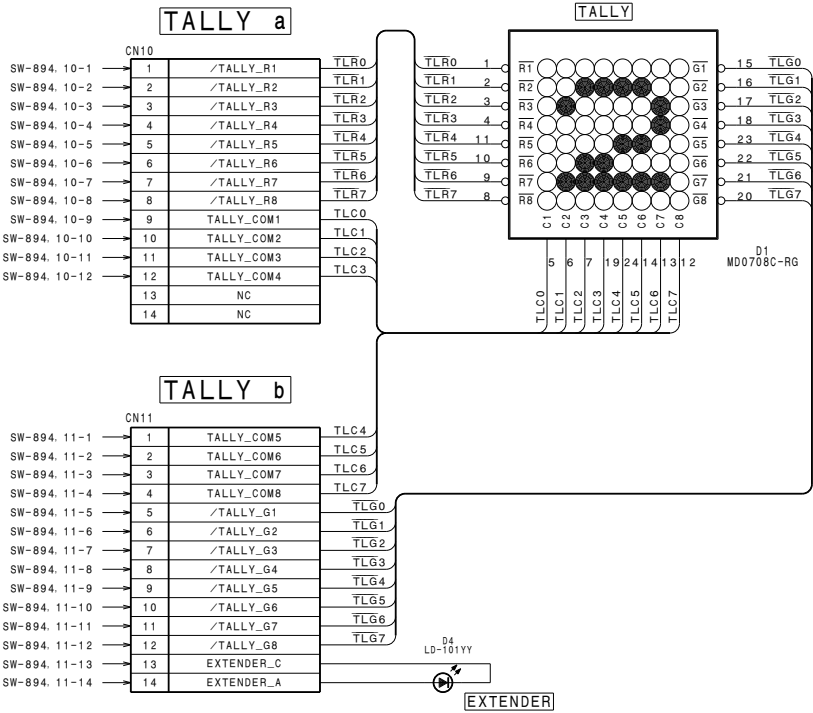
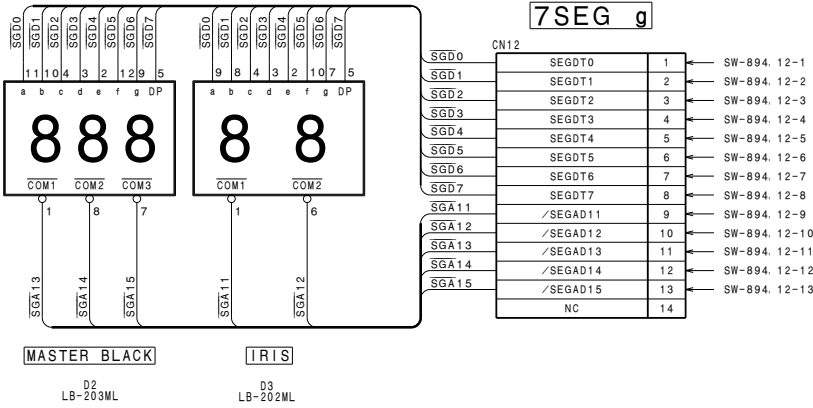
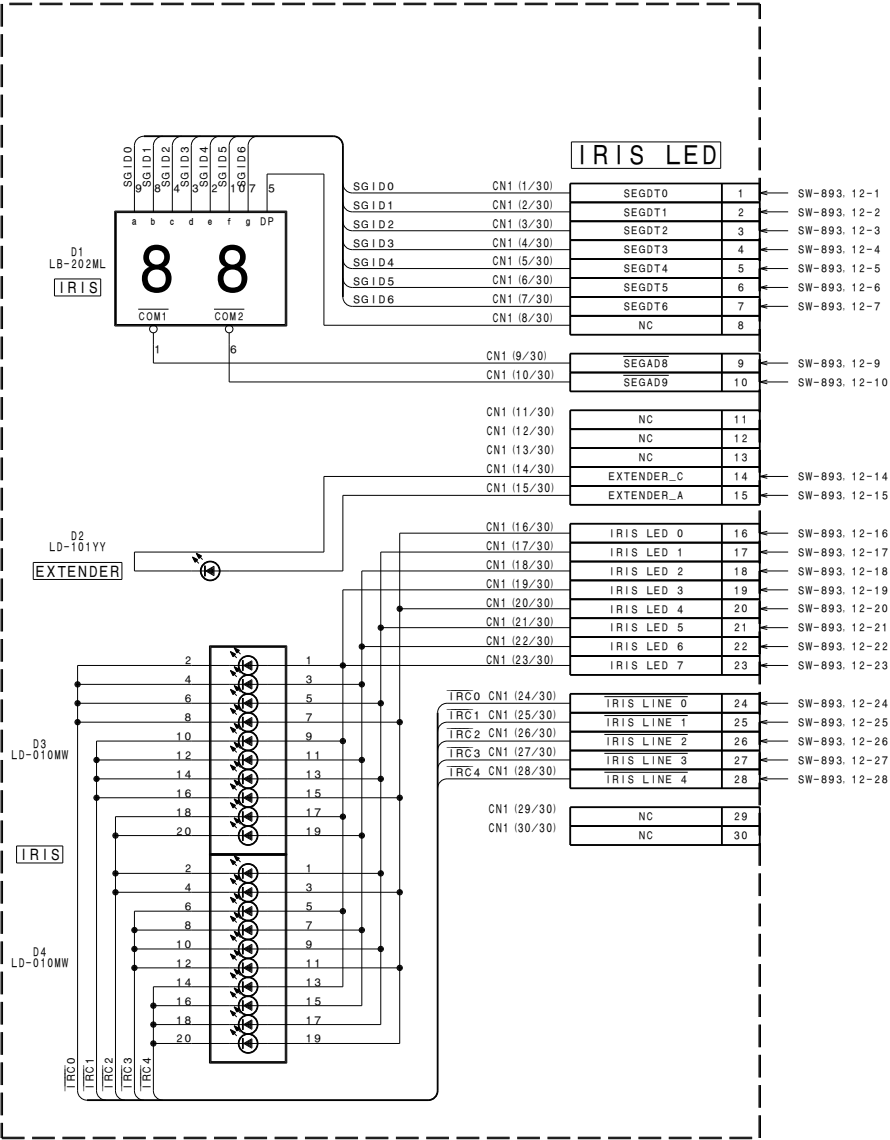


LED-269

BOARD NO. 1-663-402-11  
LOT NO. -  
B-¥RCP730-LED269-11/M

RCP-730 (SY)

RCP-731 (SY)



LED-270

BOARD NO. 1-663-403-11  
LOT NO. -  
B-¥RCP730-LED270-11/M

LED-298

BOARD NO. 1-663-407-11  
LOT NO. -  
B-¥RCP731-LED298-11/M



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